

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070725\
 Data File : VW038864.D
 Acq On : 07 Jul 2025 08:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDC0050

Quant Time: Jul 08 02:37:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	4.600	168	542061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	863686	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	800201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	451718	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.940	65	293934	48.383	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	96.760%
35) Dibromofluoromethane	4.500	113	273332	49.962	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.920%
50) Toluene-d8	7.236	98	855454	48.330	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	9.998	95	358700	50.160	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	100.320%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	231109	44.914	ug/l	100
3) Chloromethane	1.230	50	232446	36.817	ug/l	99
4) Vinyl Chloride	1.294	62	261280	44.503	ug/l	99
5) Bromomethane	1.494	94	183696	51.270	ug/l	98
6) Chloroethane	1.558	64	173636	44.115	ug/l	98
7) Trichlorofluoromethane	1.725	101	462712	44.545	ug/l	96
8) Diethyl Ether	1.918	74	168861	46.716	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	278050	47.340	ug/l	99
10) Methyl Iodide	2.195	142	331461	44.479	ug/l	99
11) Tert butyl alcohol	2.561	59	222393	280.452	ug/l	98
12) 1,1-Dichloroethene	2.082	96	247033	44.252	ug/l	96
13) Acrolein	2.011	56	58865	297.289	ug/l	95
14) Allyl chloride	2.359	41	374284	49.856	ug/l	97
15) Acrylonitrile	2.670	53	767923	276.840	ug/l	100
16) Acetone	2.117	43	544062	268.739	ug/l	100
17) Carbon Disulfide	2.252	76	498373	38.540	ug/l	100
18) Methyl Acetate	2.378	43	379834	55.023	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	932003	53.998	ug/l	99
20) Methylene Chloride	2.455	84	297201	44.420	ug/l	94
21) trans-1,2-Dichloroethene	2.703	96	260171	46.603	ug/l	98
22) Diisopropyl ether	3.211	45	855526	55.586	ug/l	91
23) Vinyl Acetate	3.185	43	3196888	288.049	ug/l	100
24) 1,1-Dichloroethane	3.121	63	505673	48.737	ug/l	100
25) 2-Butanone	3.857	43	846998	282.912	ug/l	100
26) 2,2-Dichloropropane	3.812	77	472984	49.185	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	328757	50.533	ug/l	99
28) Bromochloromethane	4.146	49	215892	48.686	ug/l	100
29) Tetrahydrofuran	4.227	42	564487	278.398	ug/l	100
30) Chloroform	4.278	83	570850	50.497	ug/l	99
31) Cyclohexane	4.584	56	362597	44.129	ug/l	98
32) 1,1,1-Trichloroethane	4.513	97	509020	48.516	ug/l	99
36) 1,1-Dichloropropene	4.747	75	331718	49.969	ug/l	97
37) Ethyl Acetate	3.969	43	349115	51.538	ug/l	96
38) Carbon Tetrachloride	4.735	117	430473	49.266	ug/l	100
39) Methylcyclohexane	6.046	83	407436	46.941	ug/l	99
40) Benzene	5.008	78	1095361	49.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	167378	57.542	ug/l	98
42) 1,2-Dichloroethane	5.040	62	396807	51.130	ug/l	99
43) Isopropyl Acetate	5.188	43	570991	52.837	ug/l	99
44) Trichloroethene	5.831	130	282924	49.456	ug/l	95
45) 1,2-Dichloropropane	6.088	63	286138	51.975	ug/l	100
46) Dibromomethane	6.223	93	210917	48.581	ug/l	99
47) Bromodichloromethane	6.426	83	457478	49.764	ug/l	96
48) Methyl methacrylate	6.294	41	266269	51.818	ug/l	97
49) 1,4-Dioxane	6.281	88	75992	1066.917	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	1917676	281.207	ug/l	99
52) Toluene	7.307	92	714015	52.134	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	459787	52.243	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	480613	53.409	ug/l	99
55) 1,1,2-Trichloroethane	7.760	97	310008	51.763	ug/l	98
56) Ethyl methacrylate	7.712	69	443931	56.344	ug/l	100
57) 1,3-Dichloropropane	7.934	76	493531	52.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	935656	261.531	ug/l	99
59) 2-Hexanone	8.059	43	1345504	279.735	ug/l	99
60) Dibromochloromethane	8.169	129	379701	50.353	ug/l	99
61) 1,2-Dibromoethane	8.271	107	324397	52.355	ug/l	99
64) Tetrachloroethene	7.895	164	245088	47.629	ug/l	98
65) Chlorobenzene	8.802	112	838086	49.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.898	131	315307	50.071	ug/l	98
67) Ethyl Benzene	8.937	91	1389452	52.589	ug/l	100
68) m/p-Xylenes	9.062	106	1107827	109.470	ug/l	100
69) o-Xylene	9.468	106	527112	54.517	ug/l	99
70) Styrene	9.484	104	940648	55.722	ug/l	100
71) Bromoform	9.654	173	272485	53.249	ug/l	100
73) Isopropylbenzene	9.857	105	1459981	55.072	ug/l	100
74) N-amyl acetate	9.722	43	520460	56.088	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	493008	51.298	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	371822	53.200	ug/l	98
77) Bromobenzene	10.140	156	367970	53.805	ug/l	97
78) n-propylbenzene	10.278	91	1742646	55.237	ug/l	100
79) 2-Chlorotoluene	10.349	91	1033867	53.960	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1251012	55.191	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.927	75	171899	52.354	ug/l	98
82) 4-Chlorotoluene	10.461	91	1208017	54.691	ug/l	99
83) tert-Butylbenzene	10.789	119	1288120	54.791	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1257634	56.608	ug/l	99
85) sec-Butylbenzene	11.011	105	1656500	55.346	ug/l	100
86) p-Isopropyltoluene	11.165	119	1414053	55.105	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	719925	51.780	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	735929	50.234	ug/l	99
89) n-Butylbenzene	11.580	91	1326081	55.760	ug/l	99
90) Hexachloroethane	11.821	117	276049	49.559	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	690326	52.677	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.348	75	108610	53.377	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	463556	54.572	ug/l	100
94) Hexachlorobutadiene	13.368	225	203452	49.632	ug/l	99
95) Naphthalene	13.422	128	1523012	56.360	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	469761	53.589	ug/l	98

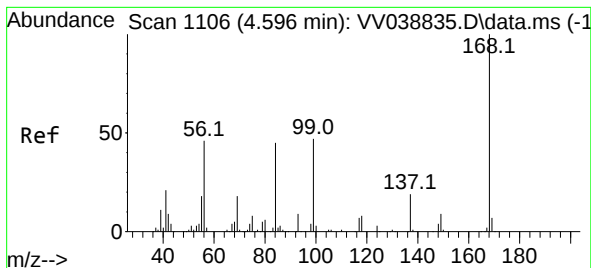
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
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QLast Update : Tue Jul 08 02:37:09 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

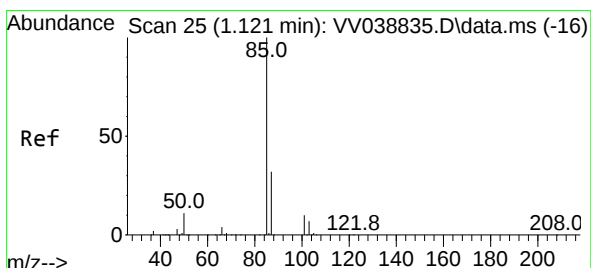
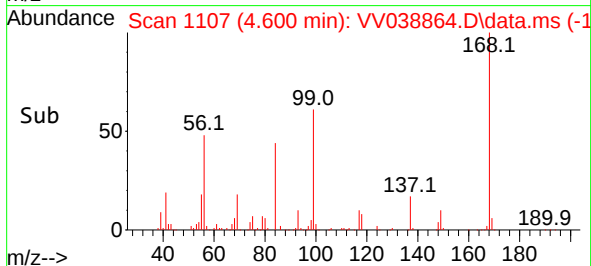
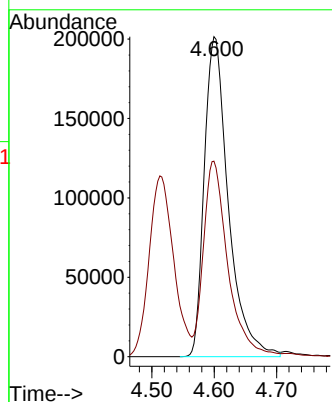
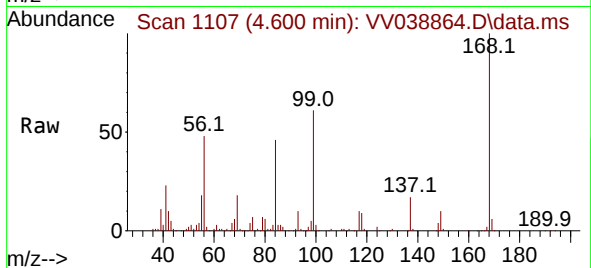
VSTDCCC050

Tgt Ion:168 Resp: 542061

Ion Ratio Lower Upper

168 100

99 60.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 44.914 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038864.D

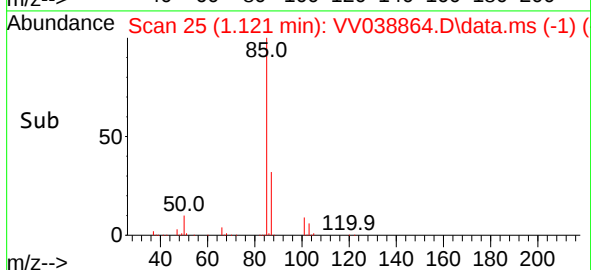
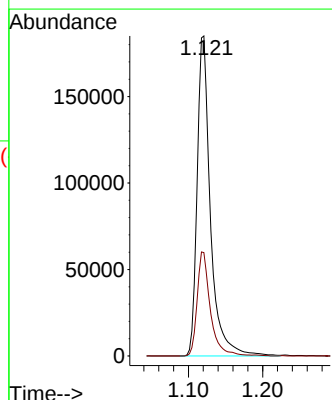
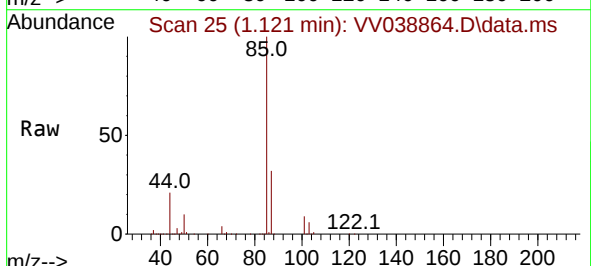
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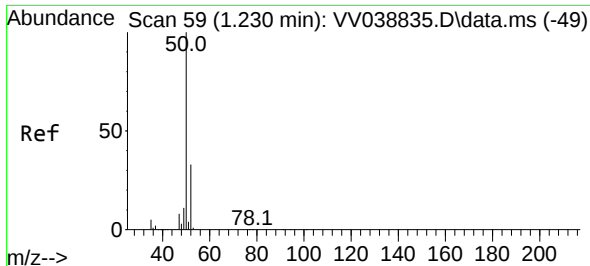
Tgt Ion: 85 Resp: 231109

Ion Ratio Lower Upper

85 100

87 32.3 16.1 48.3

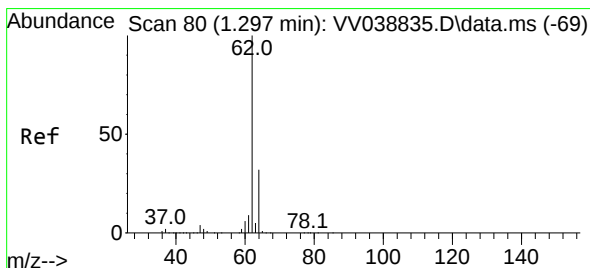
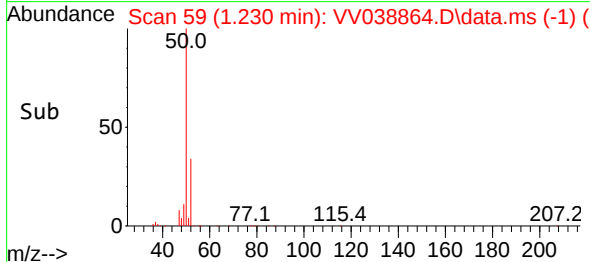
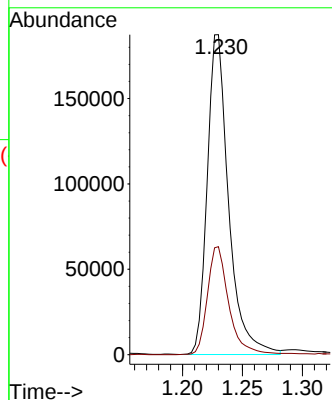
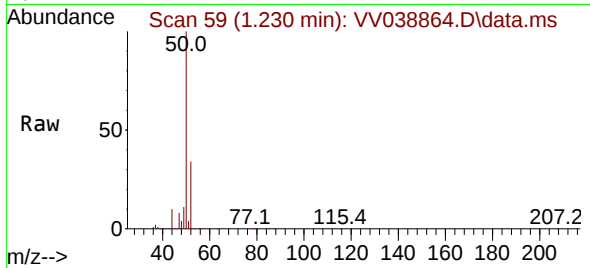




#3
Chloromethane
Concen: 36.817 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

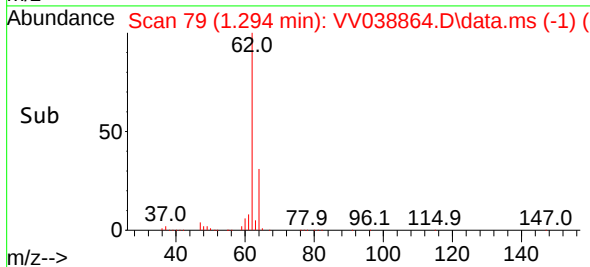
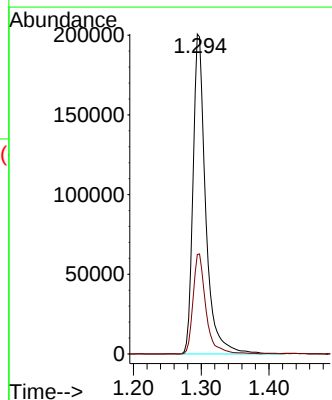
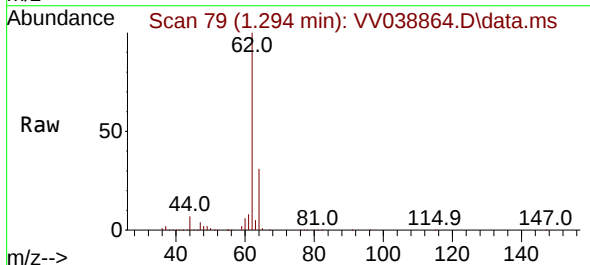
Instrument :
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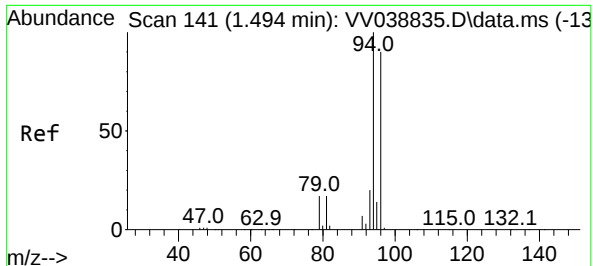
Tgt Ion: 50 Resp: 232446
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 44.503 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 62 Resp: 261280
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3

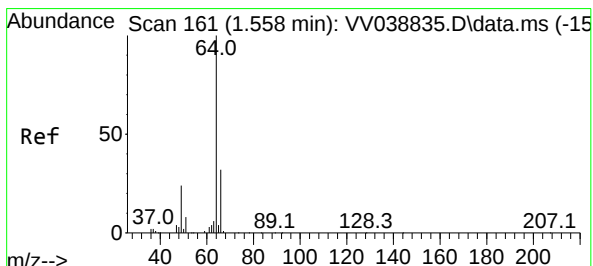
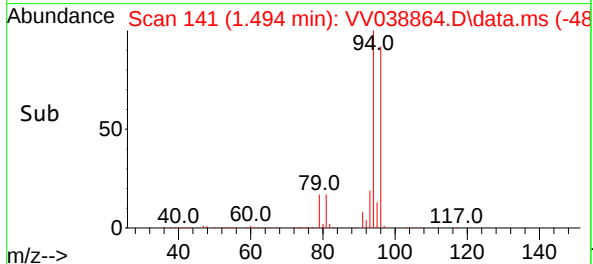
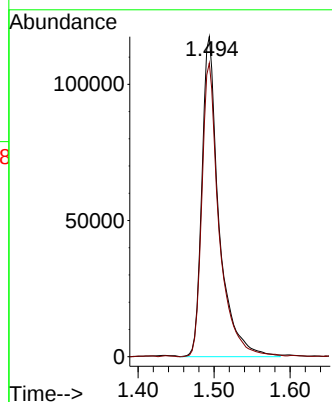
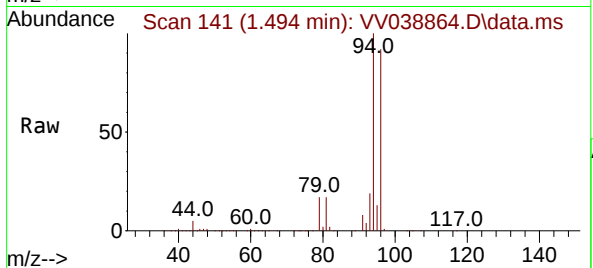




#5
Bromomethane
Concen: 51.270 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

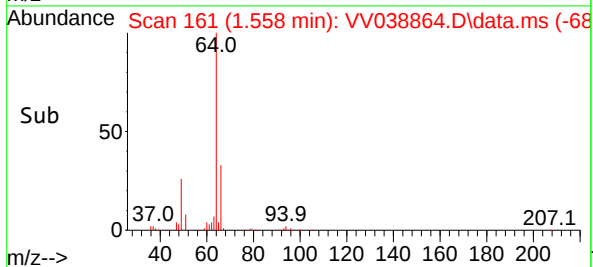
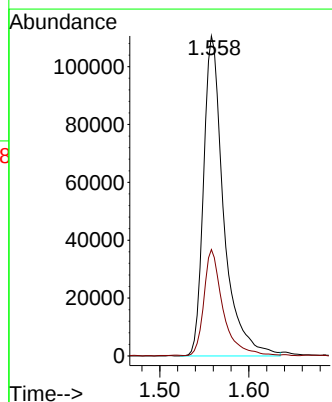
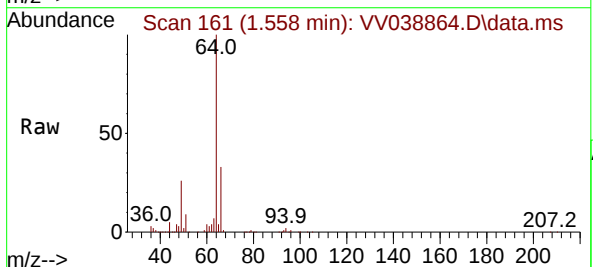
Instrument :
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Tgt Ion: 94 Resp: 183696
Ion Ratio Lower Upper
94 100
96 91.8 72.2 108.4



#6
Chloroethane
Concen: 44.115 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 64 Resp: 173636
Ion Ratio Lower Upper
64 100
66 33.0 25.4 38.0

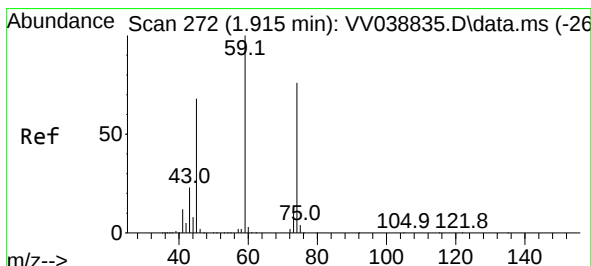
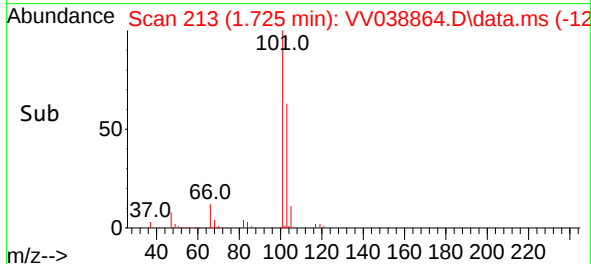
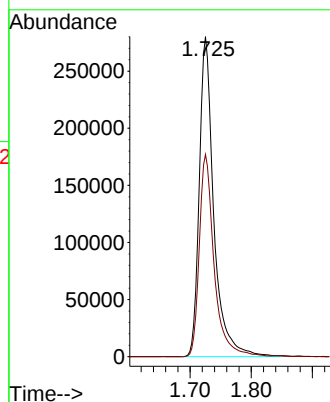
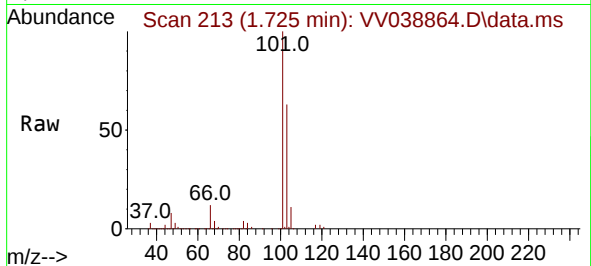




#7
 Trichlorofluoromethane
 Concen: 44.545 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

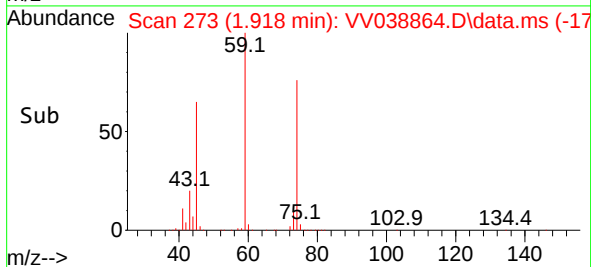
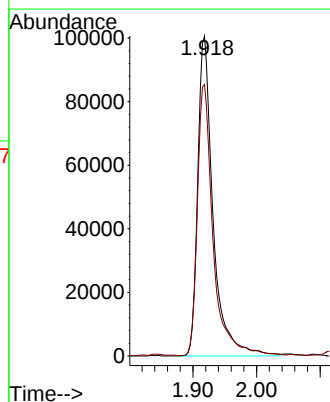
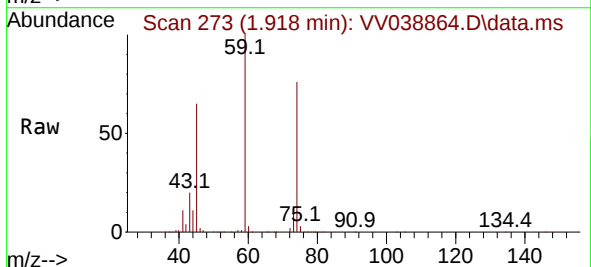
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 VSTDCCC050

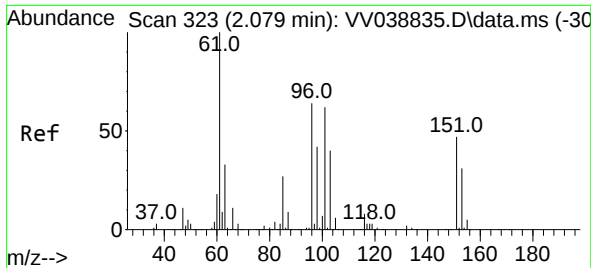
Tgt Ion:101 Resp: 462712
 Ion Ratio Lower Upper
 101 100
 103 63.2 52.8 79.2



#8
 Diethyl Ether
 Concen: 46.716 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

Tgt Ion: 74 Resp: 168861
 Ion Ratio Lower Upper
 74 100
 45 86.6 43.9 131.7

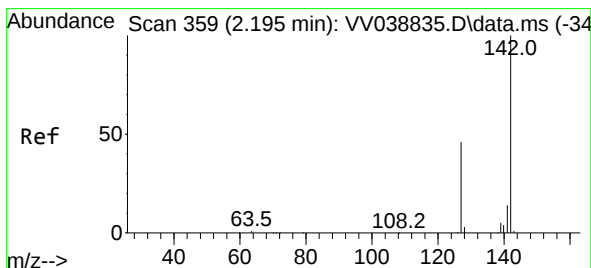
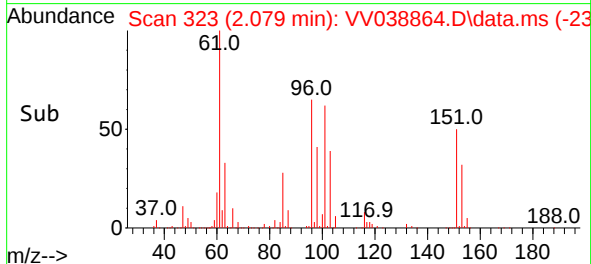
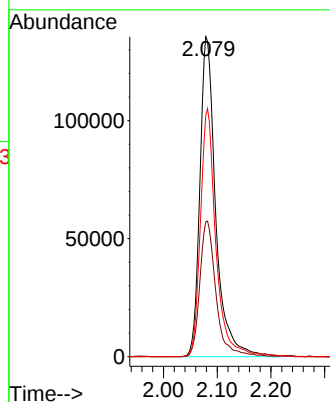
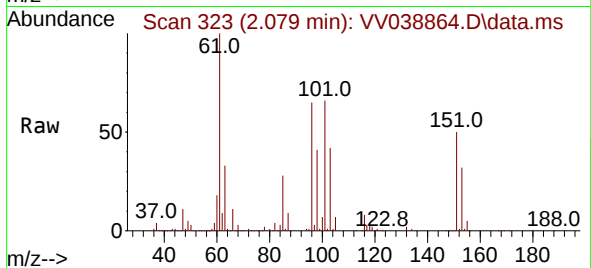




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.340 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038864.D
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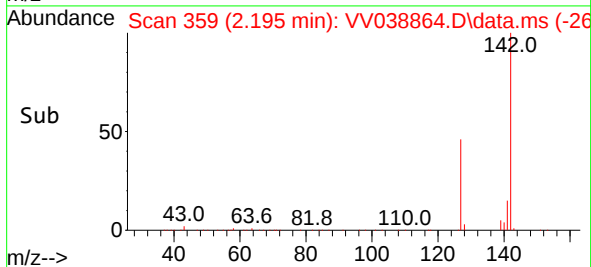
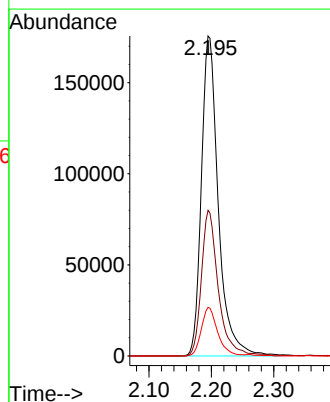
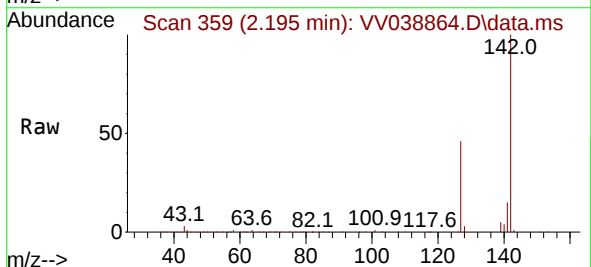
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

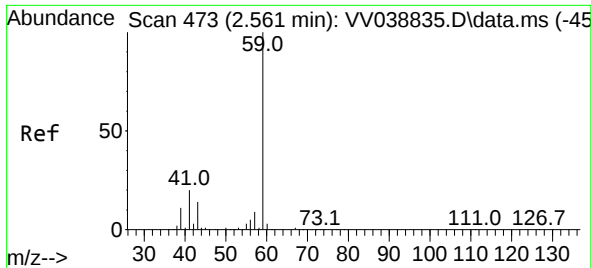
Tgt Ion:101 Resp: 278050
Ion Ratio Lower Upper
101 100
85 43.1 34.6 52.0
151 76.1 60.4 90.6



#10
Methyl Iodide
Concen: 44.479 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:142 Resp: 331461
Ion Ratio Lower Upper
142 100
127 45.5 36.9 55.3
141 14.7 11.8 17.8

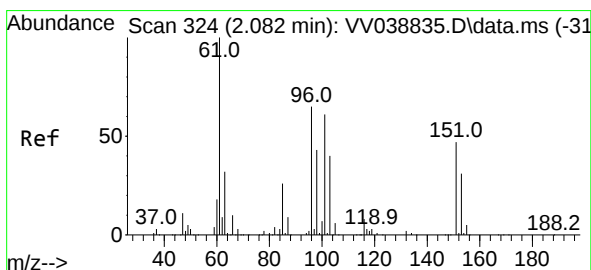
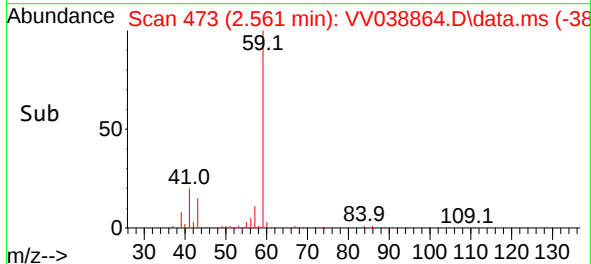
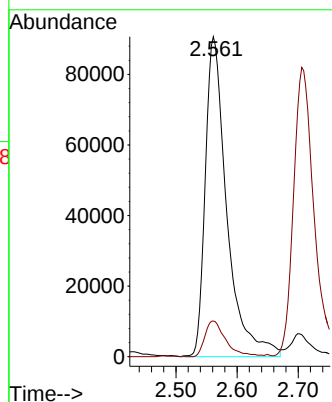
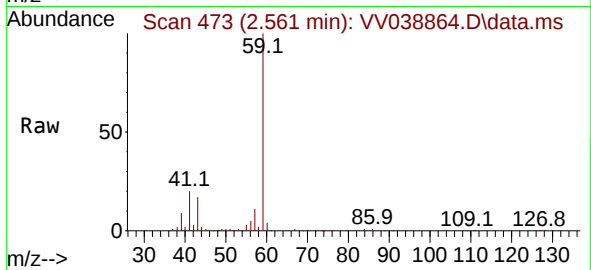




#11
Tert butyl alcohol
Concen: 280.452 ug/l
RT: 2.561 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

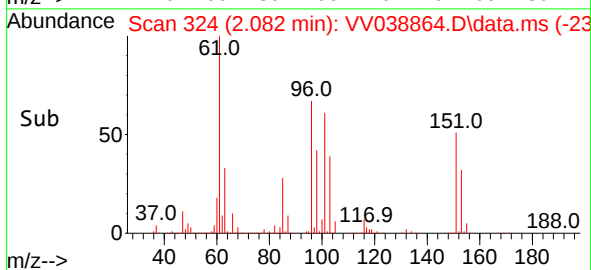
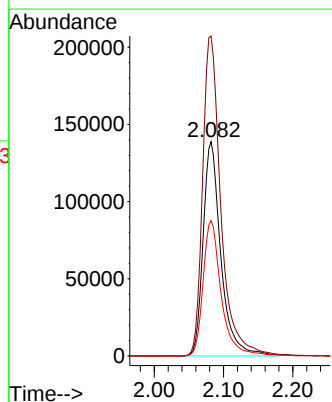
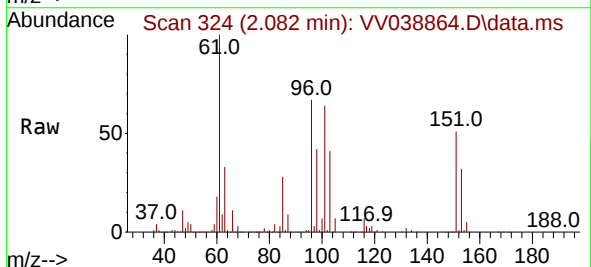
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

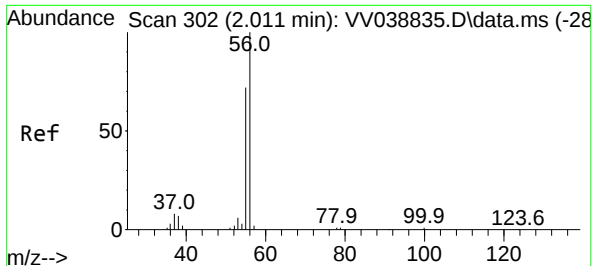
Tgt Ion: 59 Resp: 222393
Ion Ratio Lower Upper
59 100
57 10.9 8.0 12.0



#12
1,1-Dichloroethene
Concen: 44.252 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 96 Resp: 247033
Ion Ratio Lower Upper
96 100
61 149.4 123.5 185.3
98 63.2 52.5 78.7

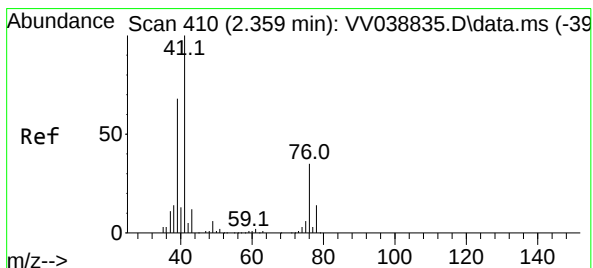
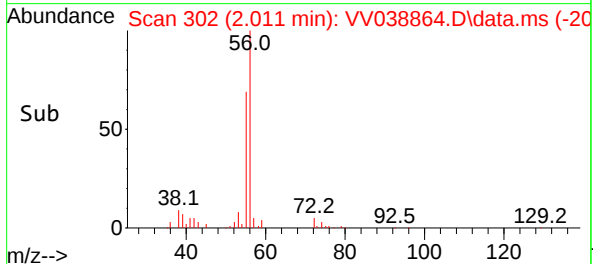
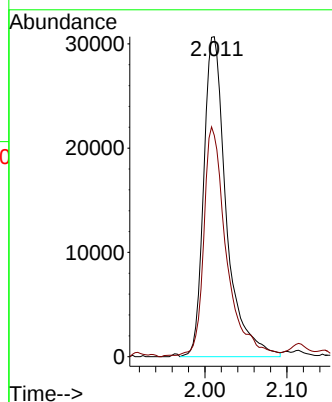
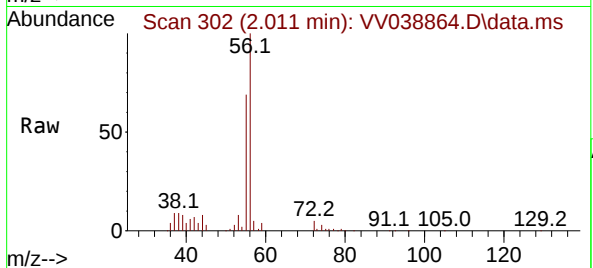




#13
Acrolein
Concen: 297.289 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

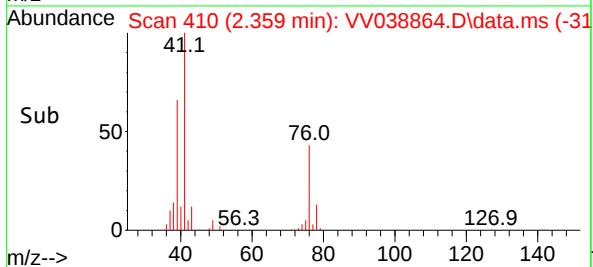
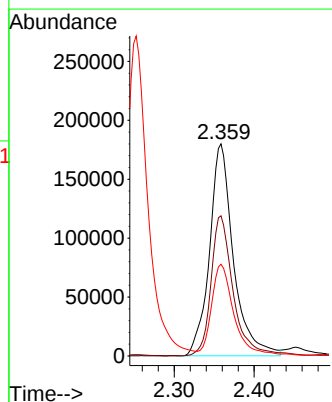
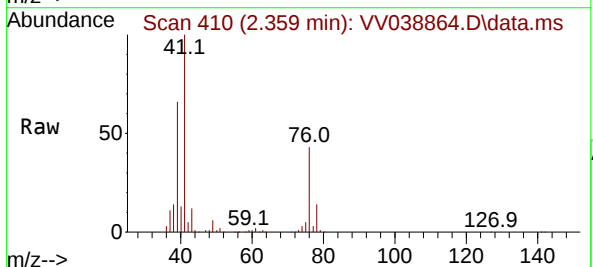
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

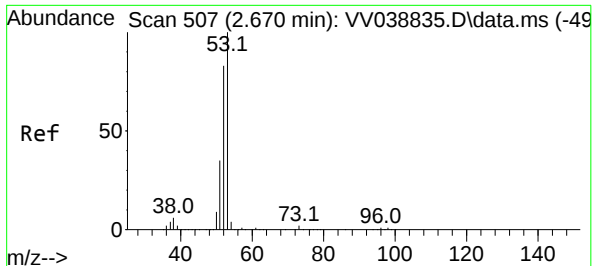
Tgt Ion: 56 Resp: 58865
Ion Ratio Lower Upper
56 100
55 70.5 53.4 80.2



#14
Allyl chloride
Concen: 49.856 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 41 Resp: 374284
Ion Ratio Lower Upper
41 100
39 61.5 51.0 76.4
76 40.1 33.6 50.4

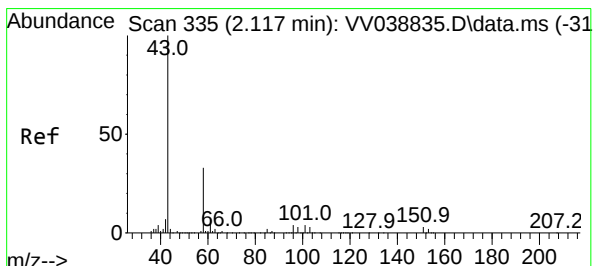
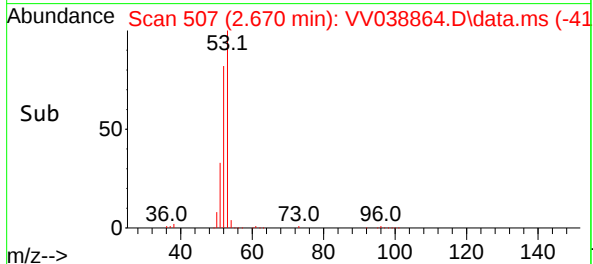
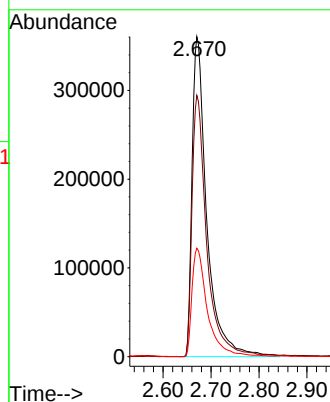
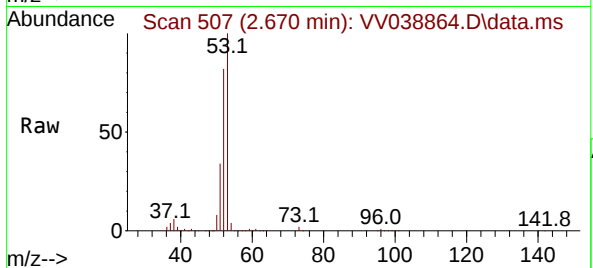




#15
Acrylonitrile
Concen: 276.840 ug/l
RT: 2.670 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

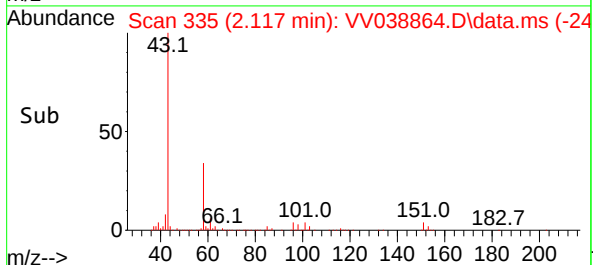
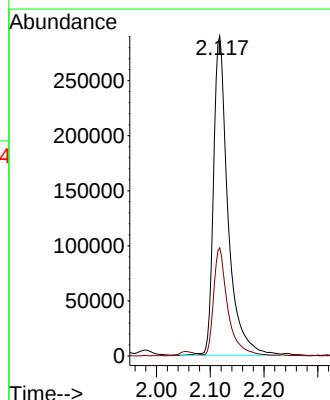
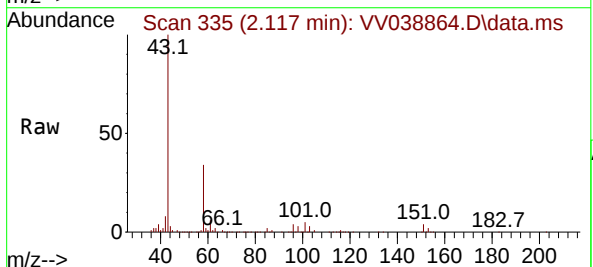
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

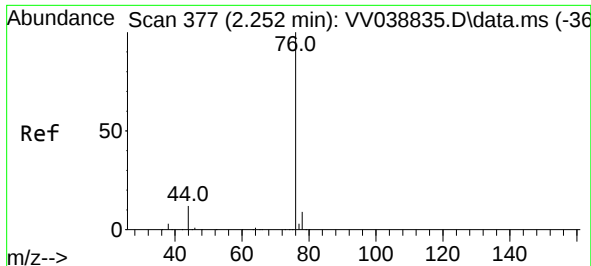
Tgt Ion: 53 Resp: 767923
Ion Ratio Lower Upper
53 100
52 82.0 65.8 98.6
51 35.6 28.5 42.7



#16
Acetone
Concen: 268.739 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 43 Resp: 544062
Ion Ratio Lower Upper
43 100
58 33.6 27.0 40.4

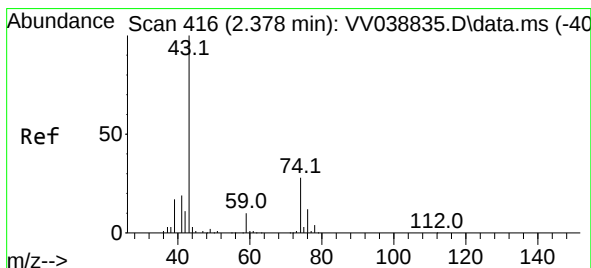
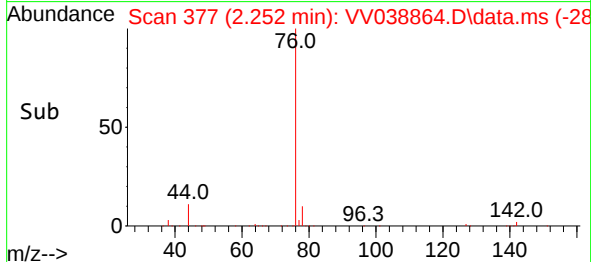
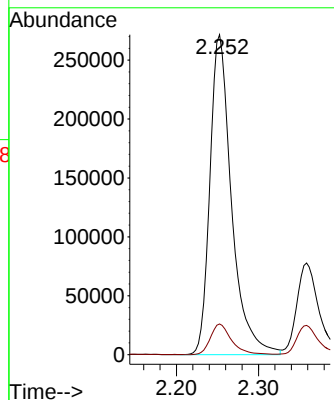
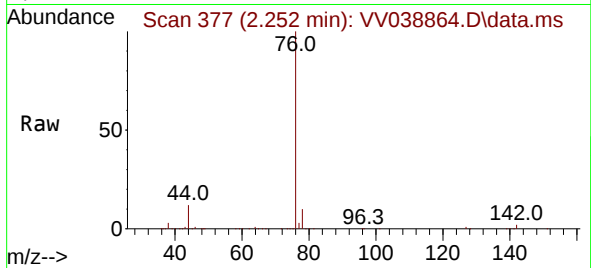




#17
Carbon Disulfide
Concen: 38.540 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

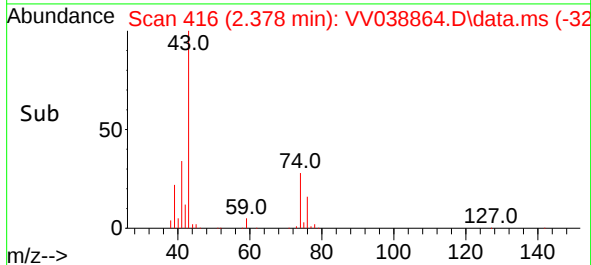
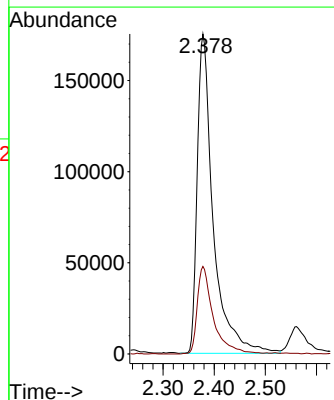
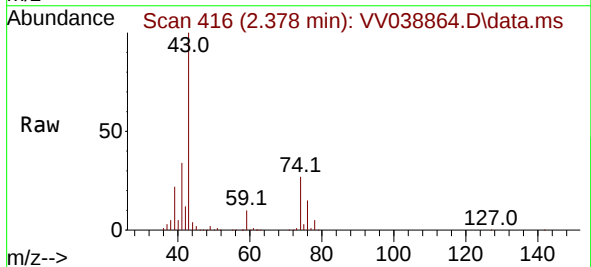
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

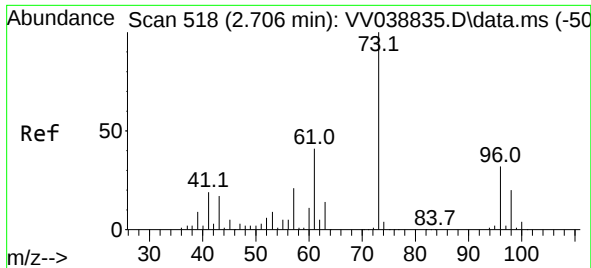
Tgt Ion: 76 Resp: 498373
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 55.023 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 43 Resp: 379834
Ion Ratio Lower Upper
43 100
74 27.5 21.4 32.0

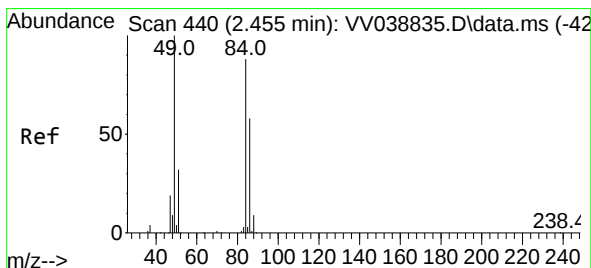
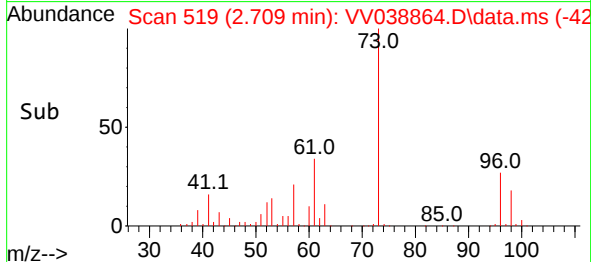
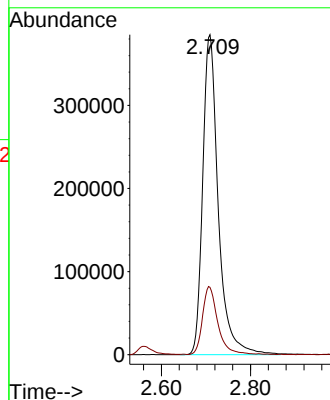
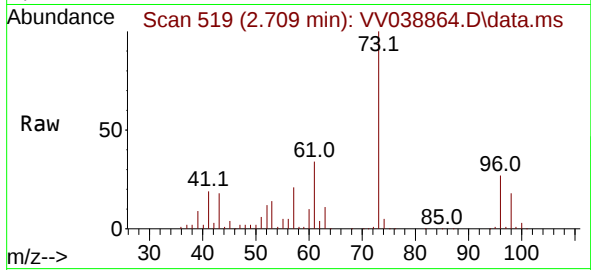




#19
Methyl tert-butyl Ether
Concen: 53.998 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

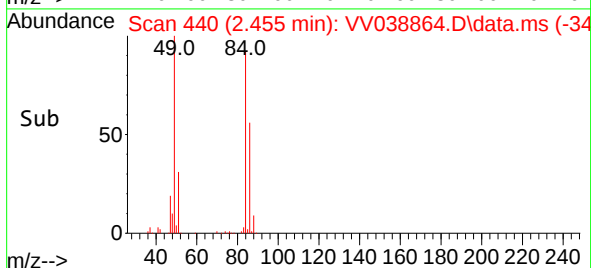
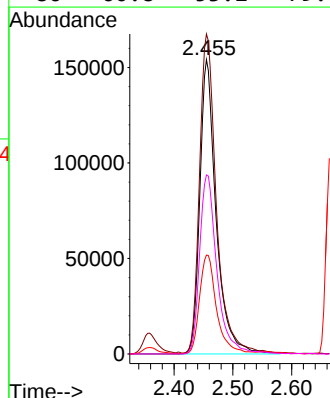
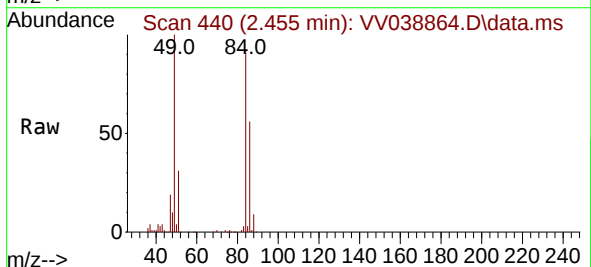
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

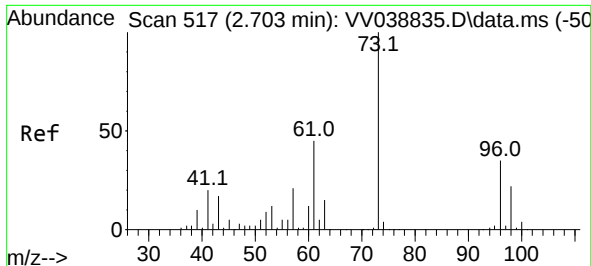
Tgt Ion: 73 Resp: 932003
Ion Ratio Lower Upper
73 100
57 20.9 17.0 25.4



#20
Methylene Chloride
Concen: 44.420 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 84 Resp: 297201
Ion Ratio Lower Upper
84 100
49 108.3 91.0 136.4
51 33.4 29.4 44.2
86 60.8 53.2 79.8

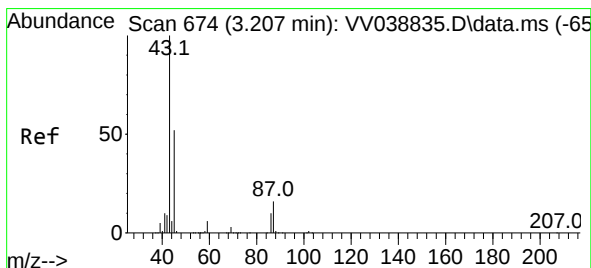
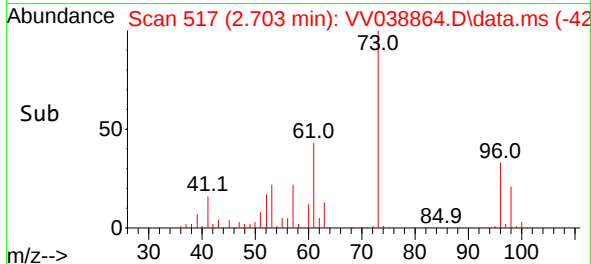
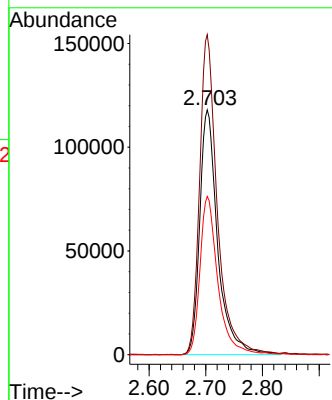
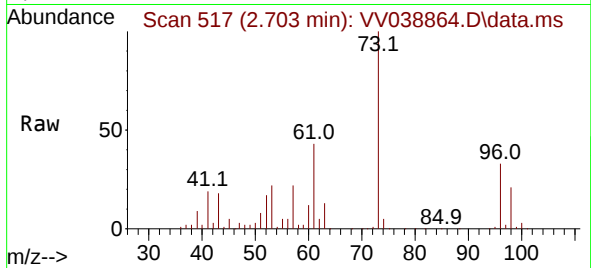




#21
trans-1,2-Dichloroethene
Concen: 46.603 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

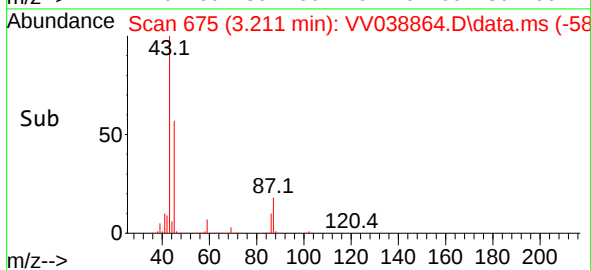
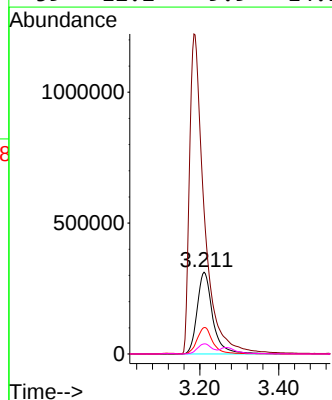
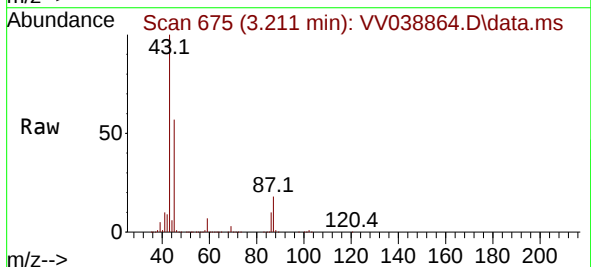
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

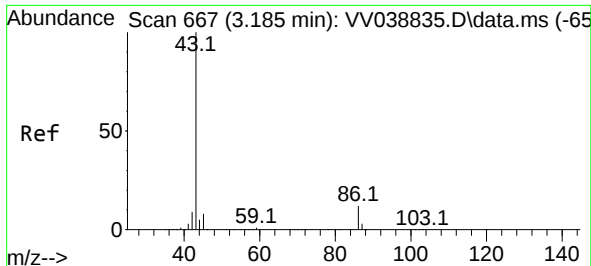
Tgt Ion: 96 Resp: 260171
Ion Ratio Lower Upper
96 100
61 130.7 102.8 154.2
98 64.6 50.9 76.3



#22
Diisopropyl ether
Concen: 55.586 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 45 Resp: 855526
Ion Ratio Lower Upper
45 100
43 176.0 153.1 229.7
87 32.3 25.2 37.8
59 12.2 9.9 14.9

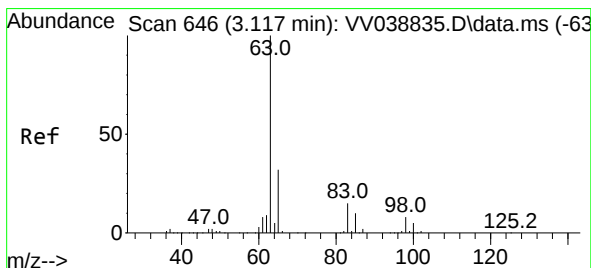
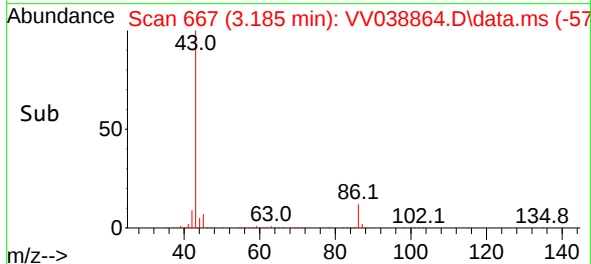
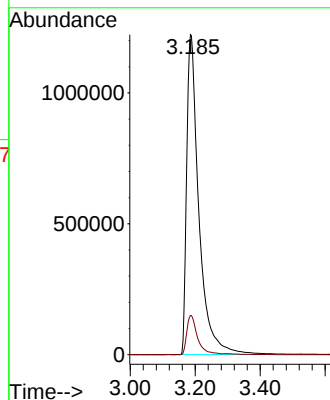
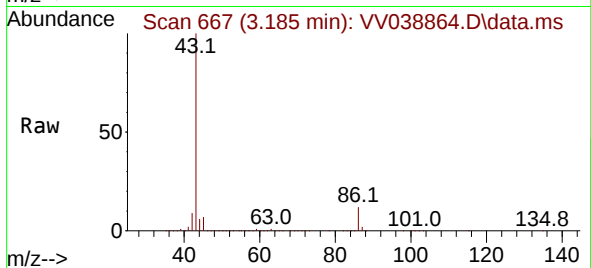




#23
 Vinyl Acetate
 Concen: 288.049 ug/l
 RT: 3.185 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

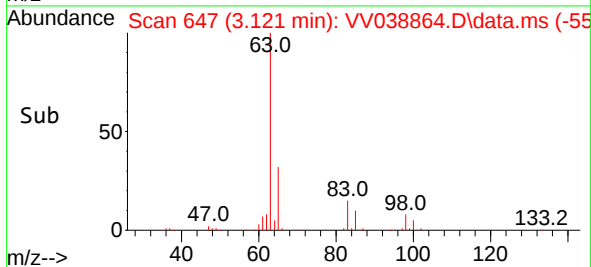
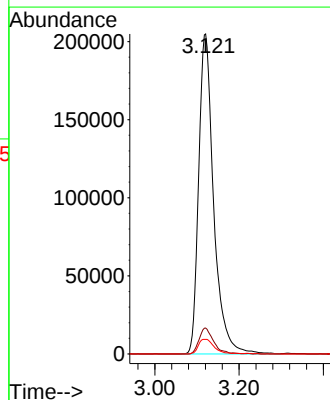
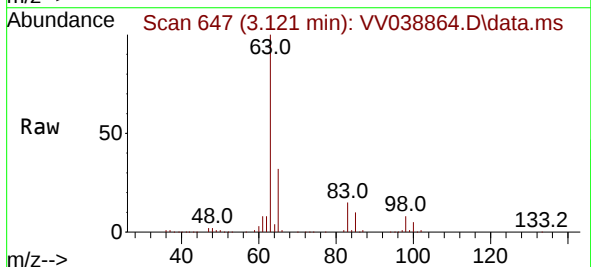
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

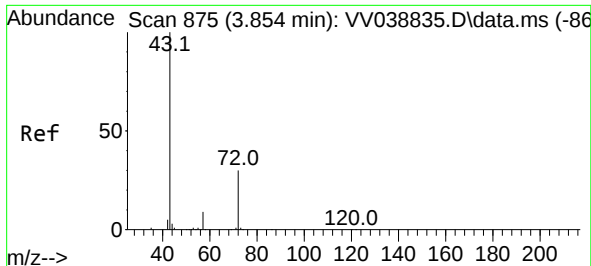
Tgt Ion: 43 Resp: 3196888
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 48.737 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

Tgt Ion: 63 Resp: 505673
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 4.6 2.4 7.2

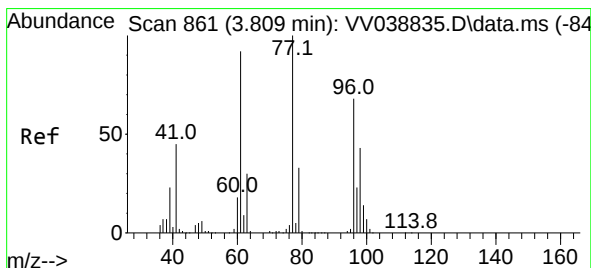
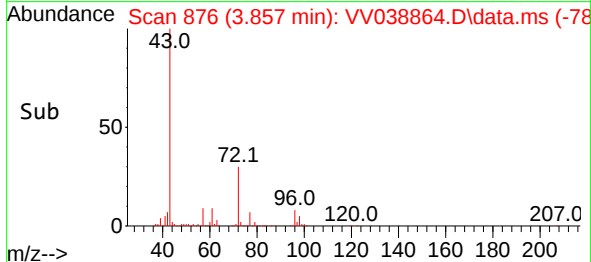
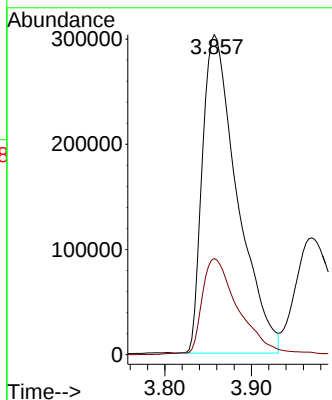
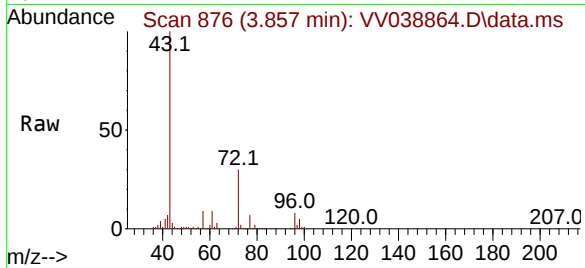




#25
2-Butanone
Concen: 282.912 ug/l
RT: 3.857 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

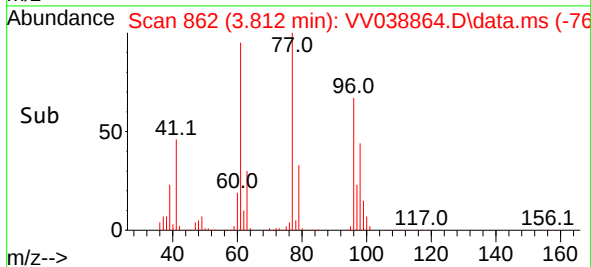
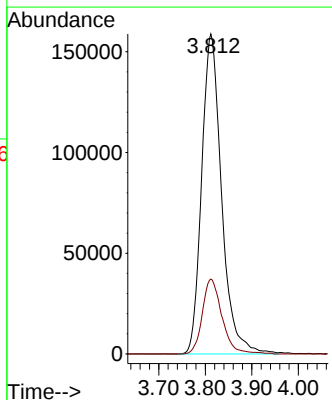
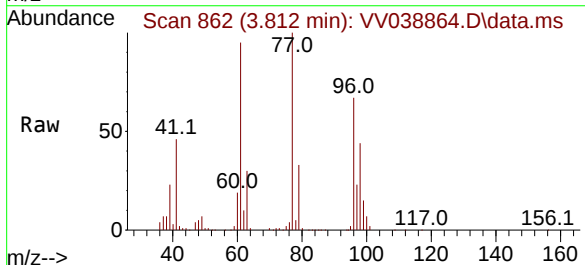
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

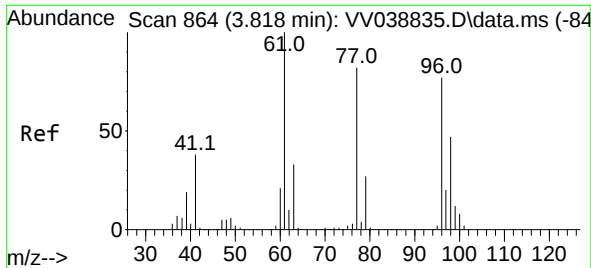
Tgt Ion: 43 Resp: 846998
Ion Ratio Lower Upper
43 100
72 29.7 23.8 35.8



#26
2,2-Dichloropropane
Concen: 49.185 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 77 Resp: 472984
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.4



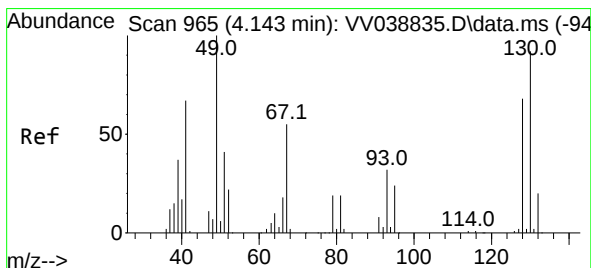
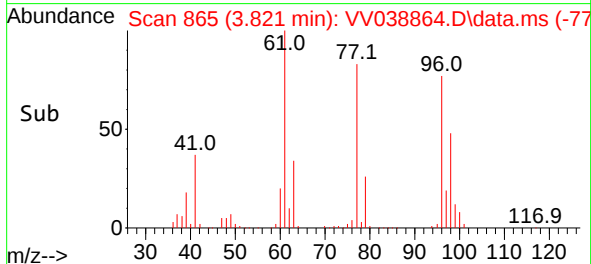
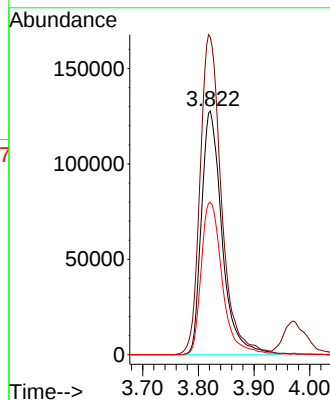
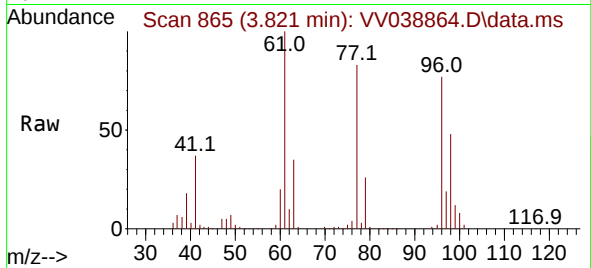


#27
 cis-1,2-Dichloroethene
 Concen: 50.533 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 328757

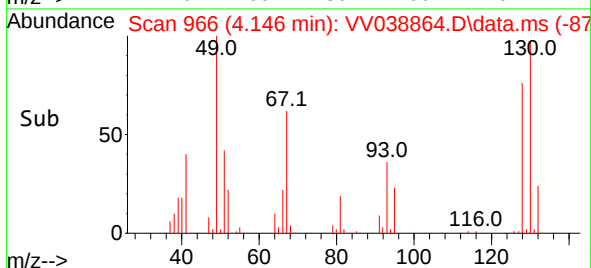
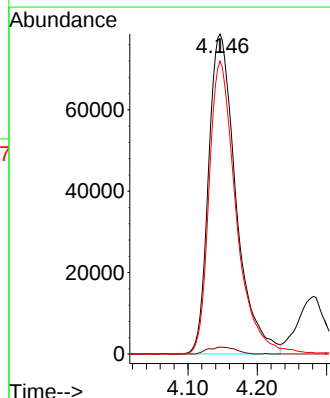
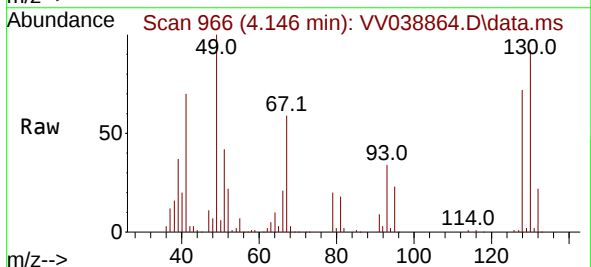
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	268.4
98	63.7	0.0	128.0

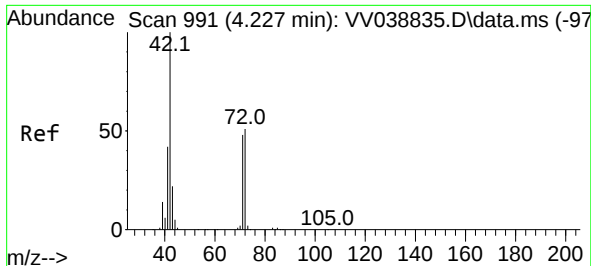


#28
 Bromochloromethane
 Concen: 48.686 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

Tgt Ion: 49 Resp: 215892

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.2
130	90.4	72.5	108.7





#29

Tetrahydrofuran

Concen: 278.398 ug/l

RT: 4.227 min Scan# 991

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

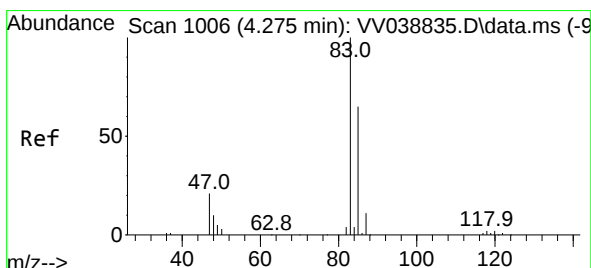
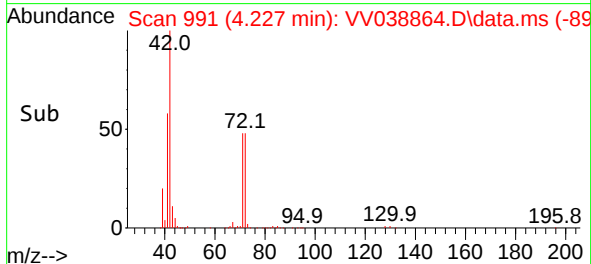
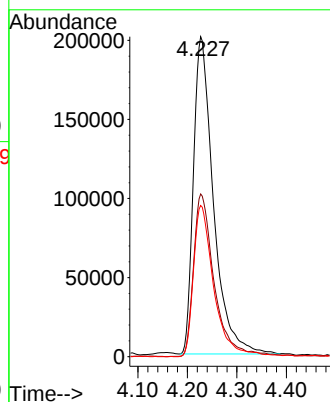
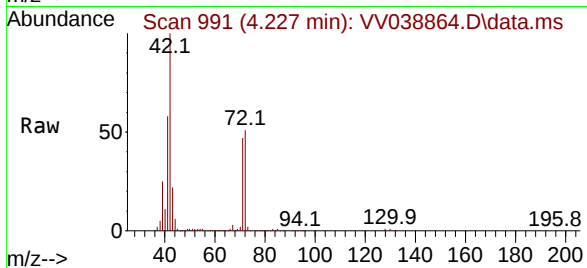
Tgt Ion: 42 Resp: 564487

Ion Ratio Lower Upper

42 100

72 51.5 41.3 61.9

71 48.6 39.2 58.8



#30

Chloroform

Concen: 50.497 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038864.D

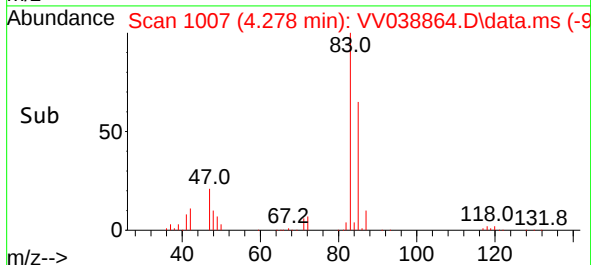
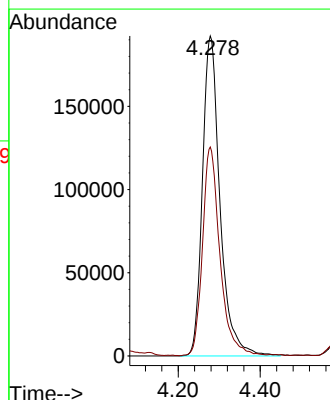
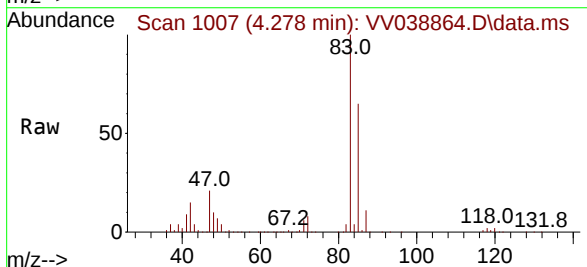
Acq: 07 Jul 2025 08:58

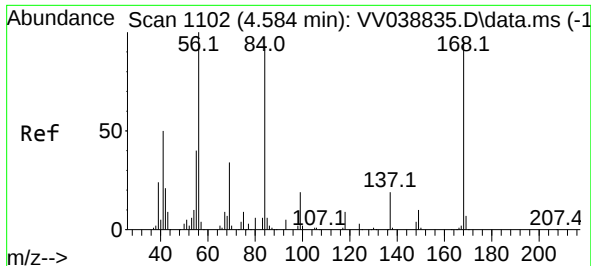
Tgt Ion: 83 Resp: 570850

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

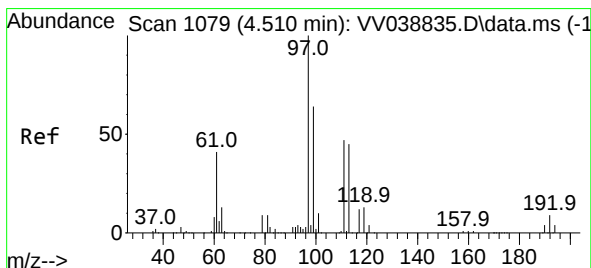
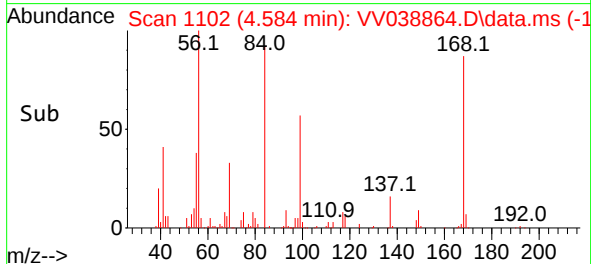
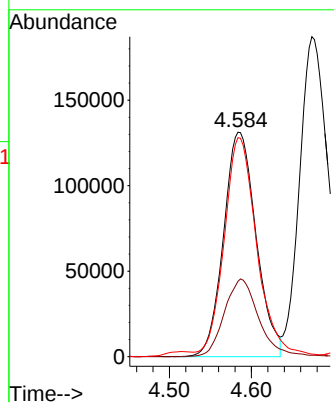
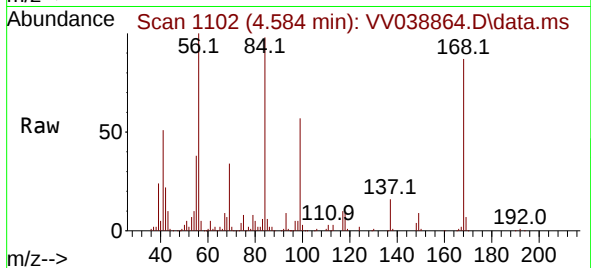




#31
Cyclohexane
Concen: 44.129 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

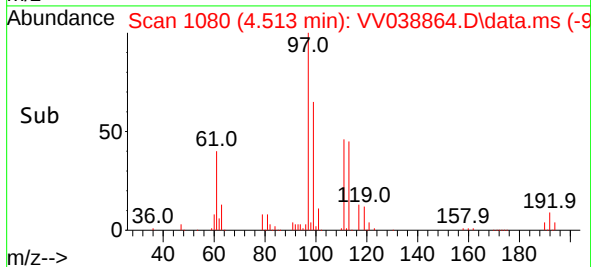
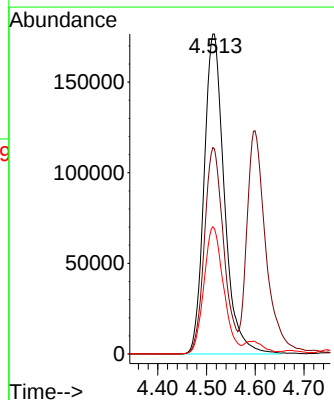
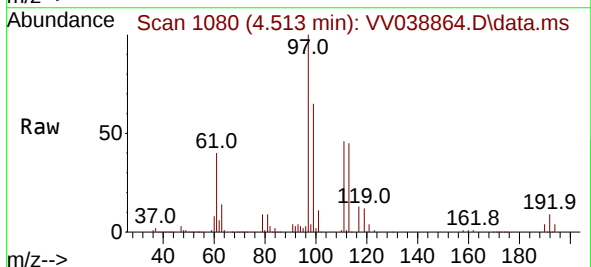
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 362597
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.4
84 95.3 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 48.516 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 97 Resp: 509020
Ion Ratio Lower Upper
97 100
99 61.3 48.8 73.2
61 38.6 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 48.383 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

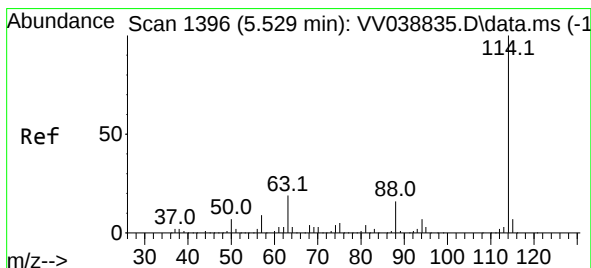
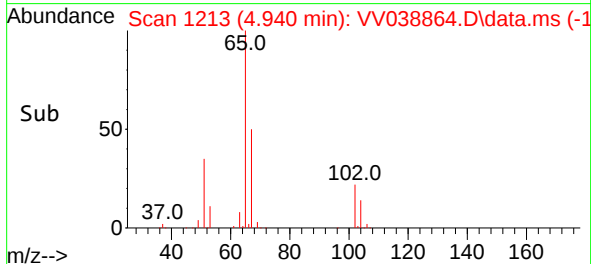
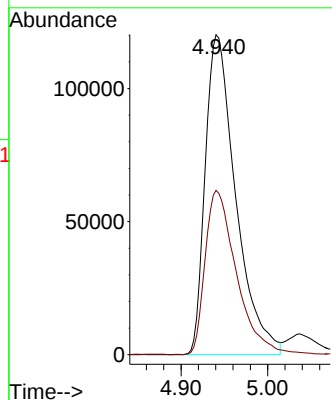
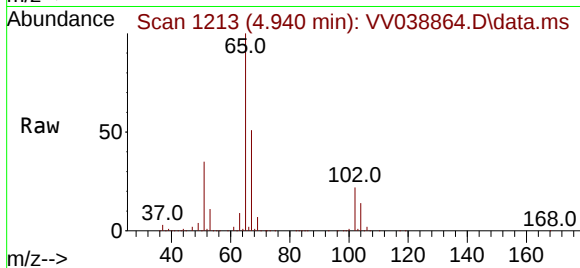
VSTDCCC050

Tgt Ion: 65 Resp: 293934

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

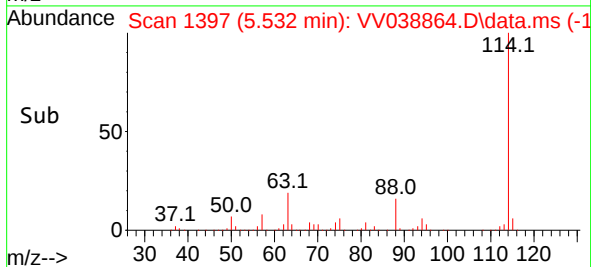
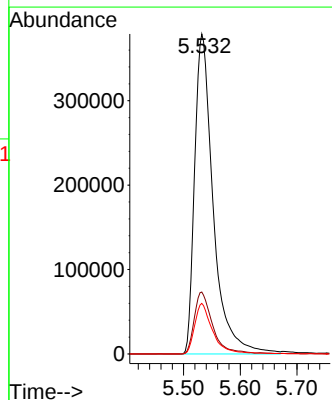
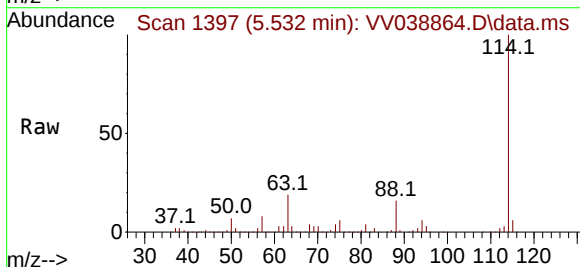
Tgt Ion: 114 Resp: 863686

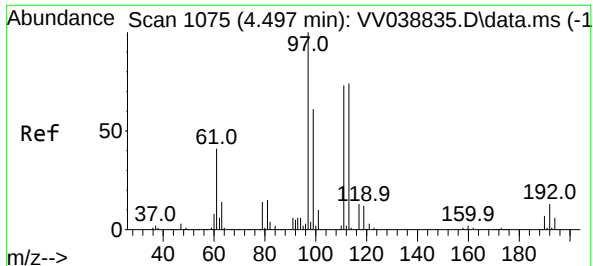
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.8 0.0 31.2

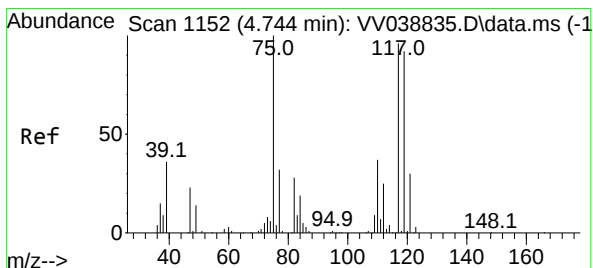
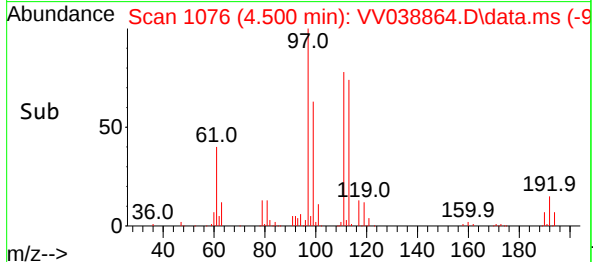
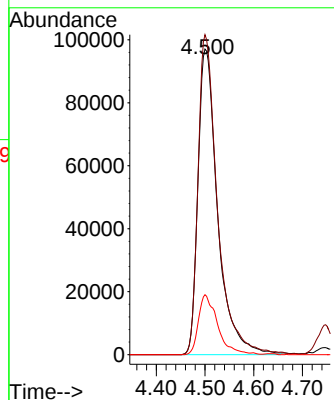
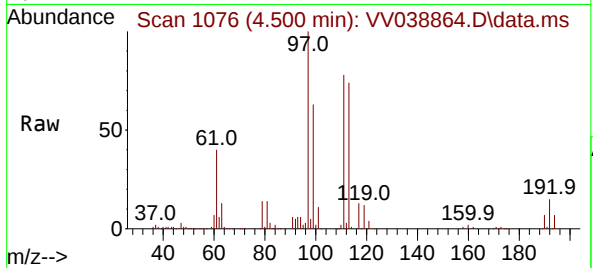




#35
Dibromofluoromethane
Concen: 49.962 ug/l
RT: 4.500 min Scan# 110
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

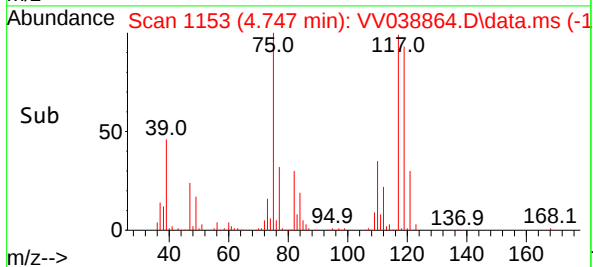
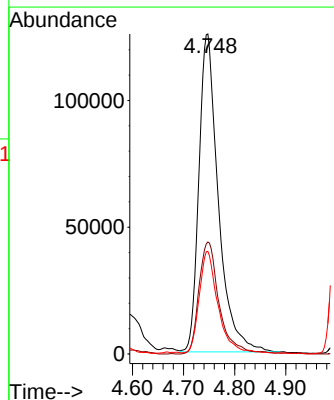
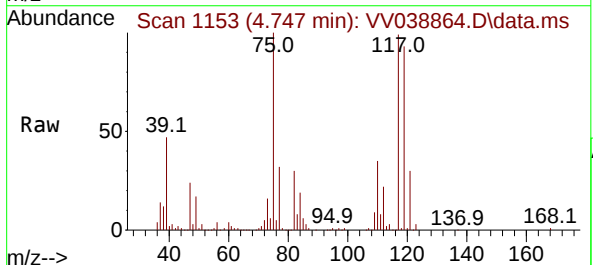
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

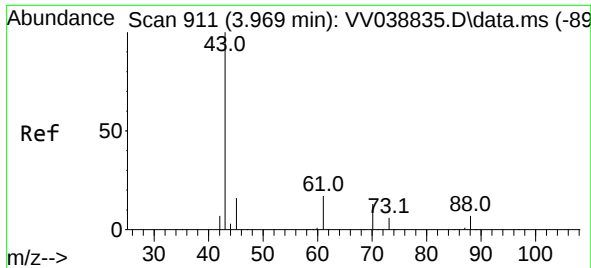
Tgt Ion:113 Resp: 273332
Ion Ratio Lower Upper
113 100
111 102.8 81.5 122.3
192 19.0 14.7 22.1



#36
1,1-Dichloropropene
Concen: 49.969 ug/l
RT: 4.747 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 75 Resp: 331718
Ion Ratio Lower Upper
75 100
110 36.4 19.3 57.9
77 30.1 25.1 37.7

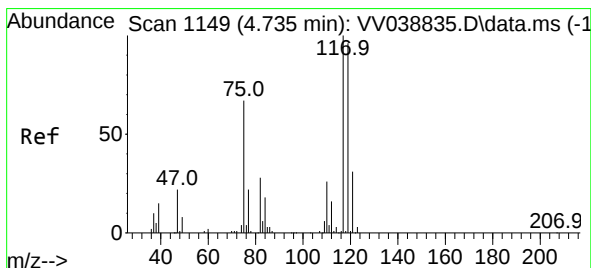
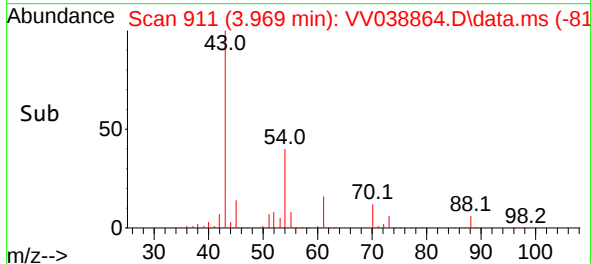
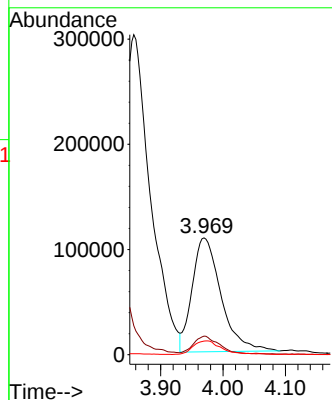
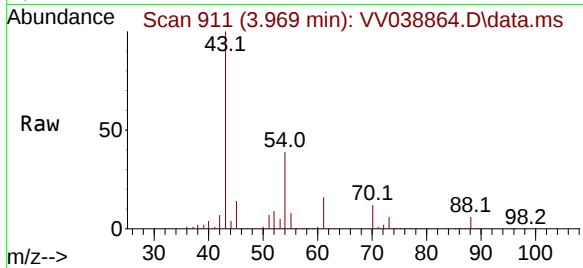




#37
Ethyl Acetate
Concen: 51.538 ug/l
RT: 3.969 min Scan# 911
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

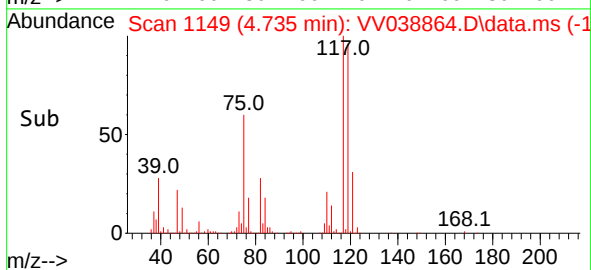
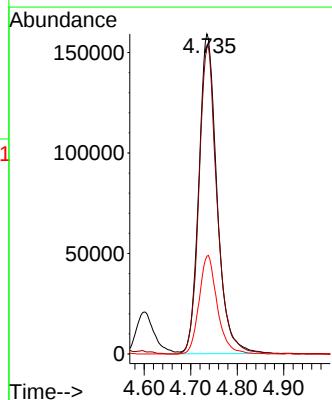
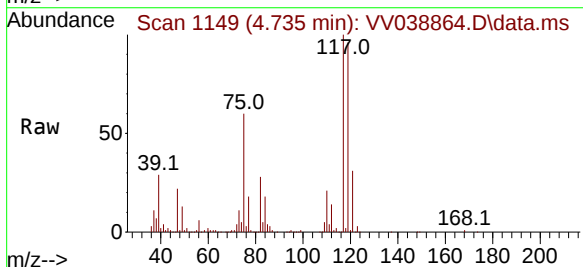
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

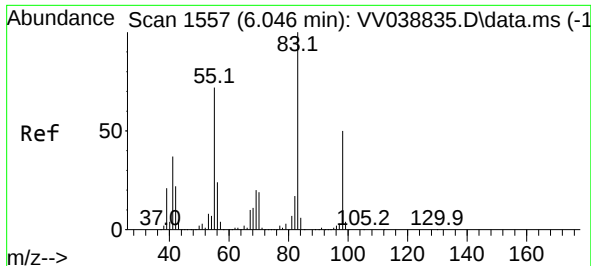
Tgt Ion: 43	Resp: 349115
Ion Ratio	Lower Upper
43 100	
61 13.5	13.0 19.4
70 11.5	9.6 14.4



#38
Carbon Tetrachloride
Concen: 49.266 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:117	Resp: 430473		
Ion Ratio	Lower	Upper	
117 100			
119 95.8	76.5	114.7	
121 30.6	25.0	37.6	

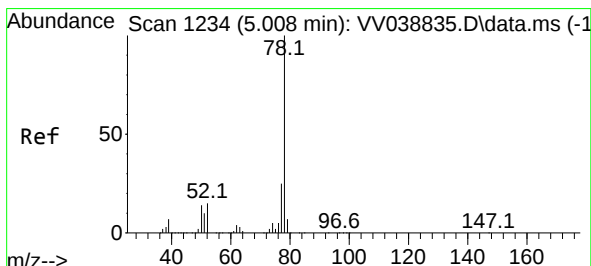
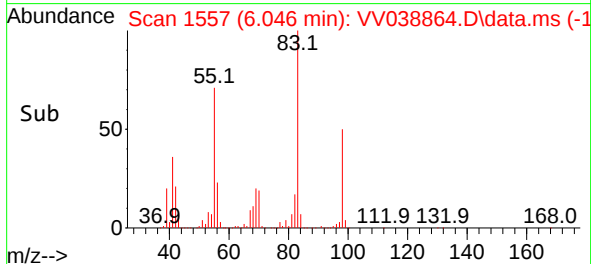
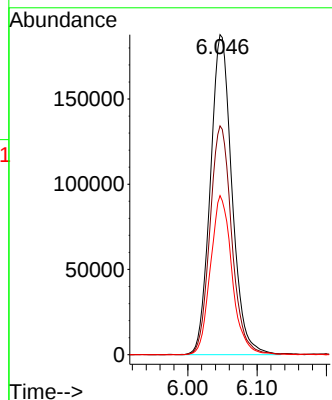
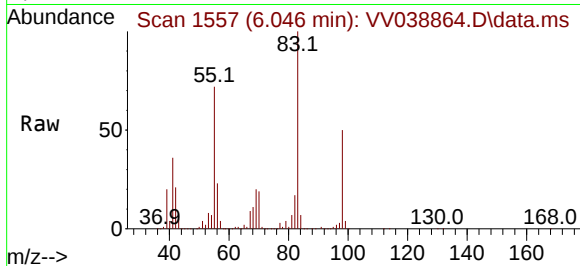




#39
Methylcyclohexane
Concen: 46.941 ug/l
RT: 6.046 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

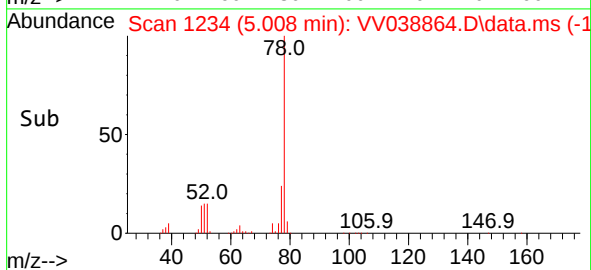
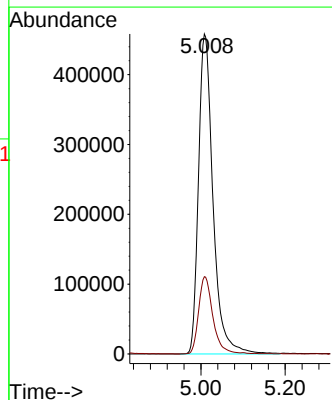
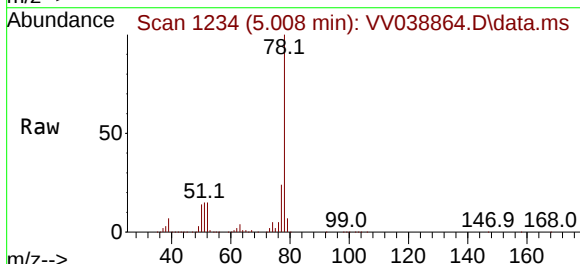
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

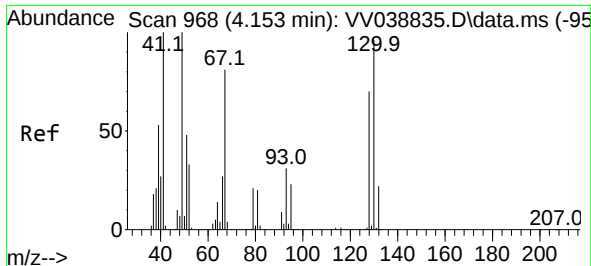
Tgt Ion: 83 Resp: 407436
Ion Ratio Lower Upper
83 100
55 71.4 57.7 86.5
98 49.7 40.2 60.2



#40
Benzene
Concen: 49.969 ug/l
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 78 Resp: 1095361
Ion Ratio Lower Upper
78 100
77 24.2 19.6 29.4



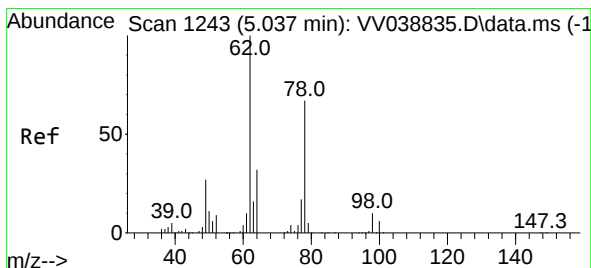
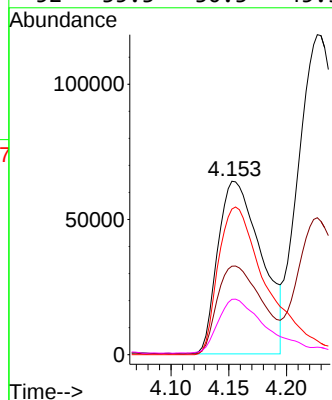
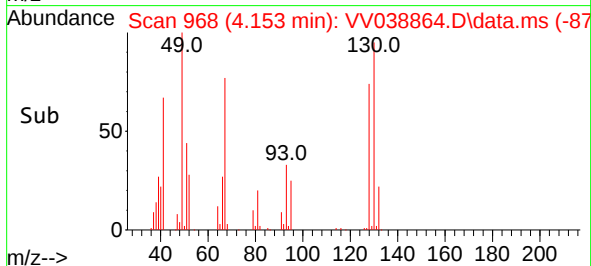
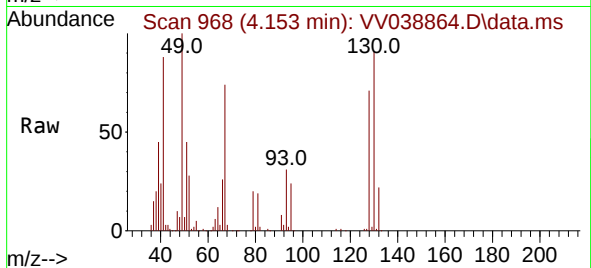


#41
Methacrylonitrile
Concen: 57.542 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 167378

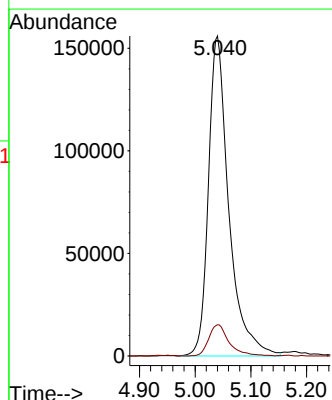
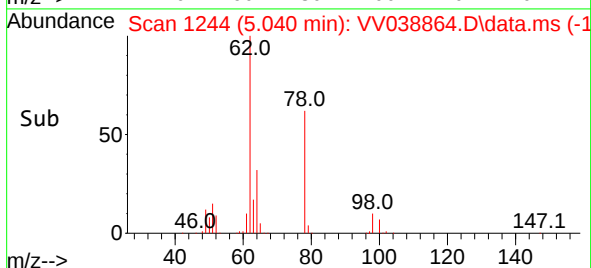
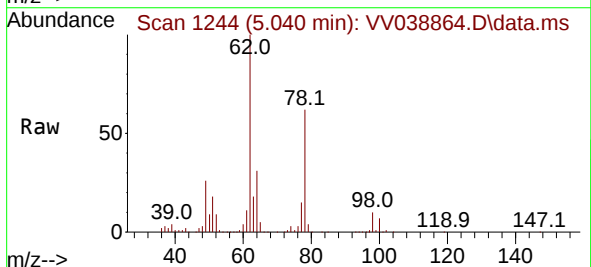
Ion	Ratio	Lower	Upper
41	100		
39	52.3	43.8	65.8
67	98.5	78.8	118.2
52	35.3	30.3	45.5

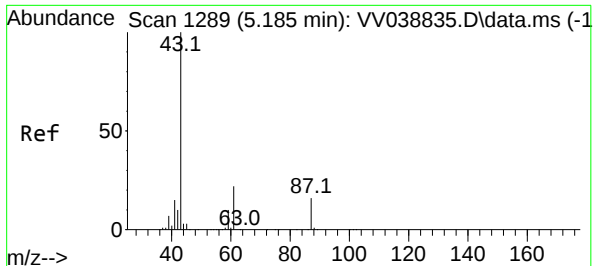


#42
1,2-Dichloroethane
Concen: 51.130 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 62 Resp: 396807

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.0





#43

Isopropyl Acetate

Concen: 52.837 ug/l

RT: 5.188 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

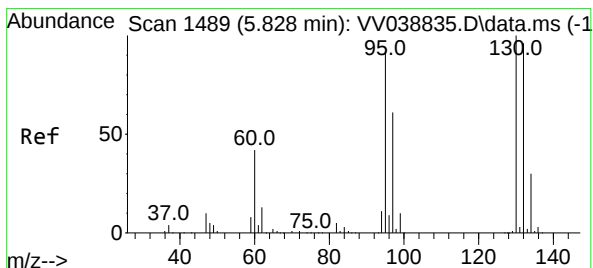
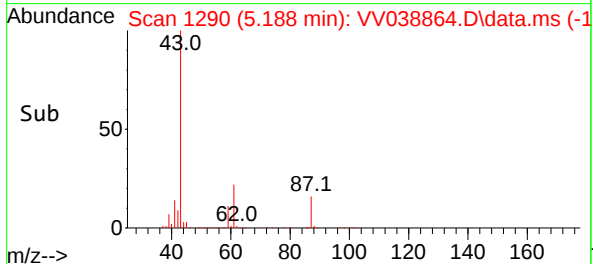
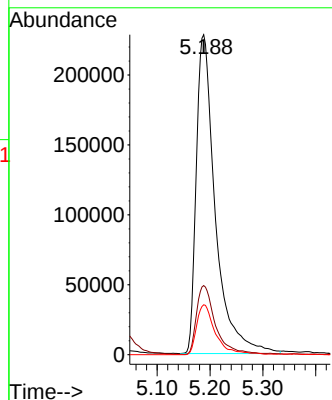
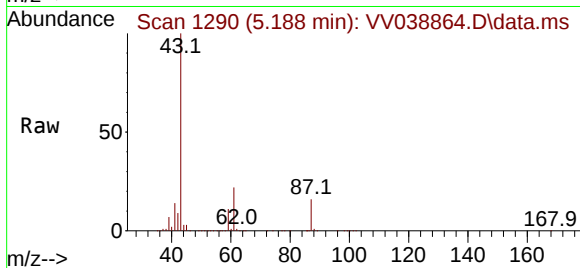
Tgt Ion: 43 Resp: 570991

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.6

87 15.3 13.0 19.6



#44

Trichloroethene

Concen: 49.456 ug/l

RT: 5.831 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV038864.D

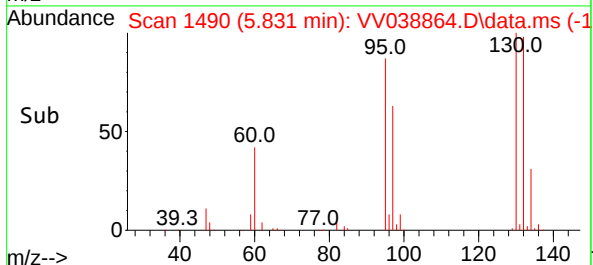
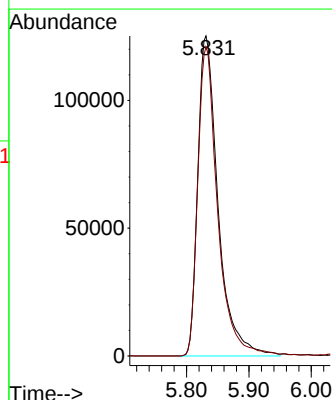
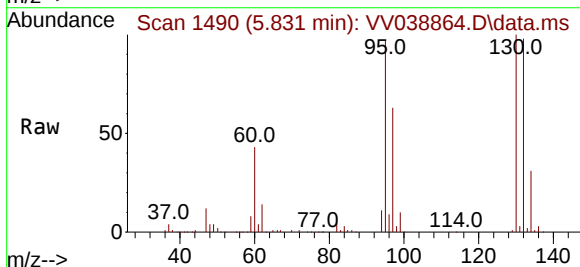
Acq: 07 Jul 2025 08:58

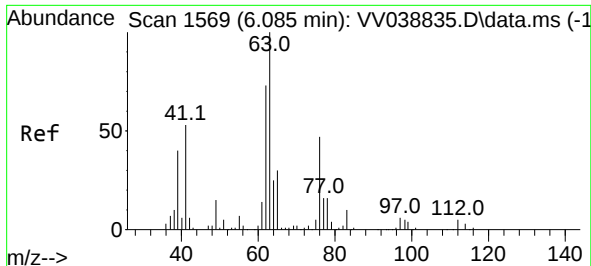
Tgt Ion:130 Resp: 282924

Ion Ratio Lower Upper

130 100

95 96.6 0.0 184.4





#45

1,2-Dichloropropane

Concen: 51.975 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

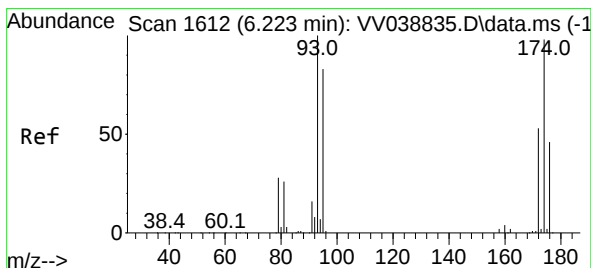
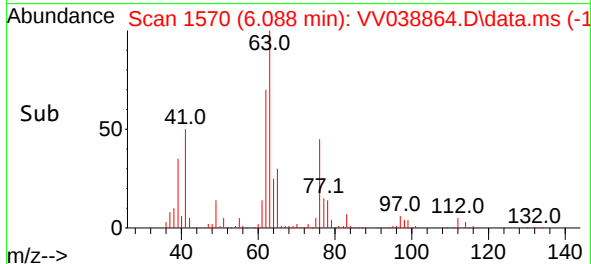
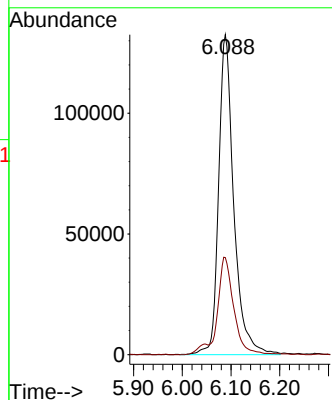
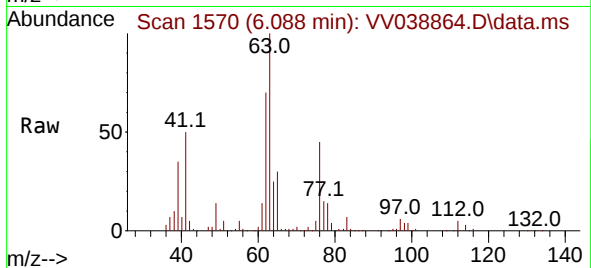
VSTDCCC050

Tgt Ion: 63 Resp: 286138

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 48.581 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

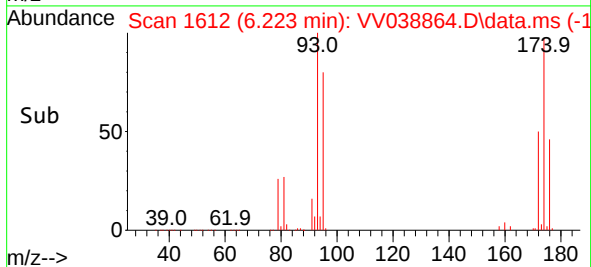
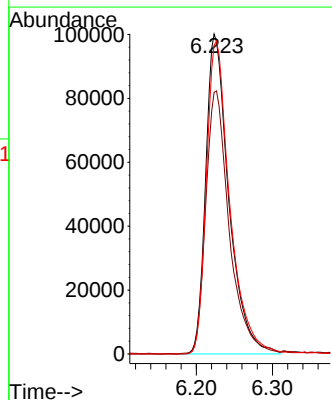
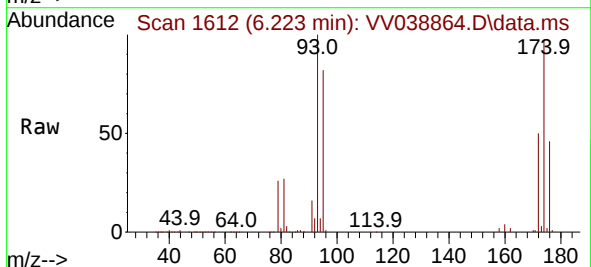
Tgt Ion: 93 Resp: 210917

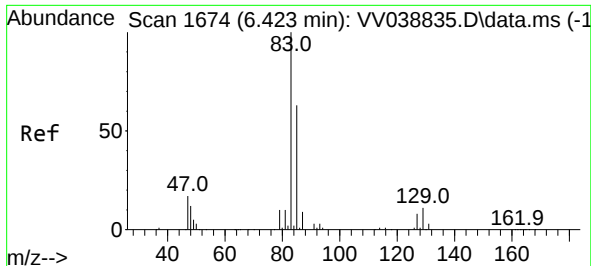
Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

174 99.4 78.7 118.1

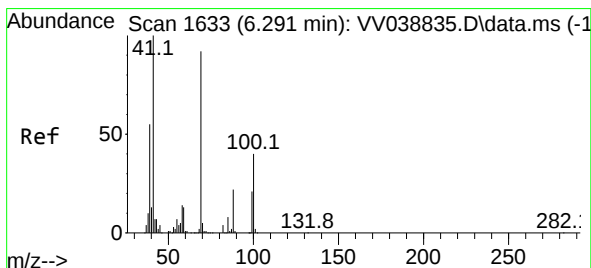
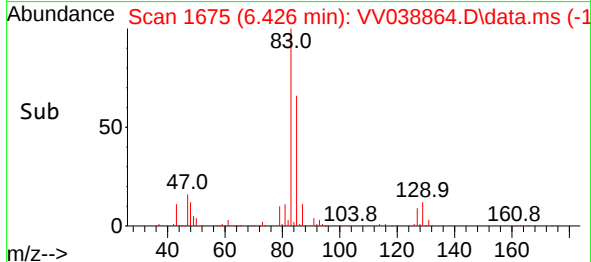
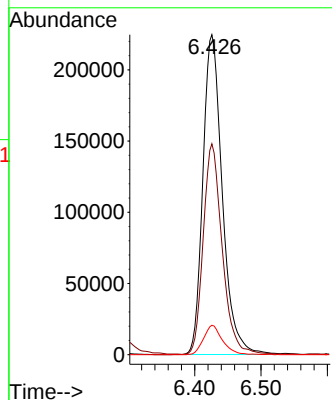
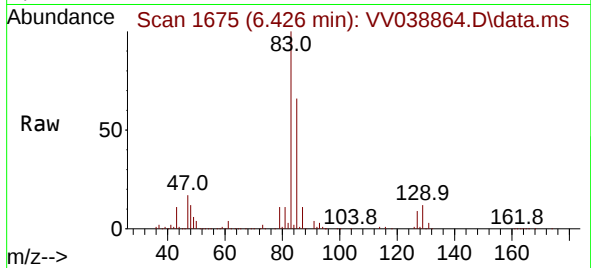




#47
Bromodichloromethane
Concen: 49.764 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

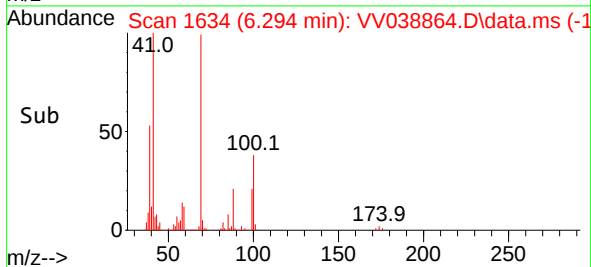
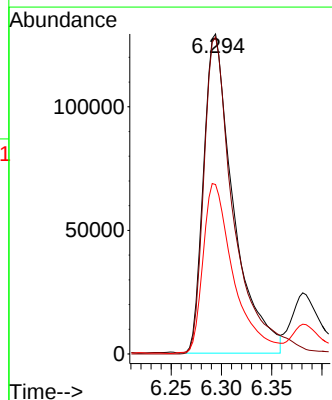
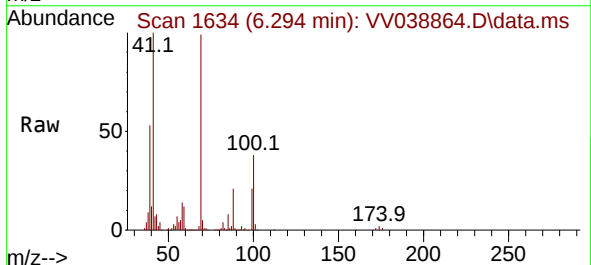
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

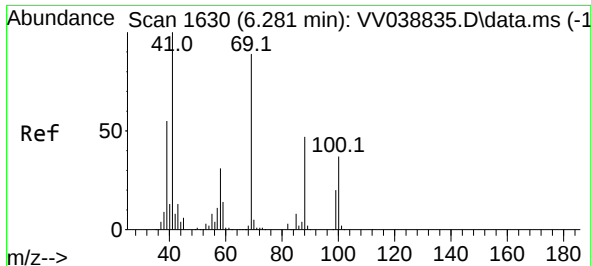
Tgt Ion: 83 Resp: 457478
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 9.2 6.6 10.0



#48
Methyl methacrylate
Concen: 51.818 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 41 Resp: 266269
Ion Ratio Lower Upper
41 100
69 100.8 77.4 116.2
39 54.2 44.2 66.4





#49

1,4-Dioxane

Concen: 1066.917 ug/l

RT: 6.281 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

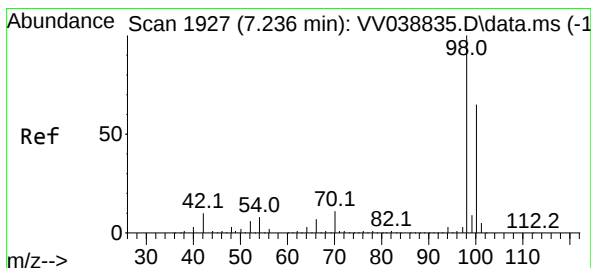
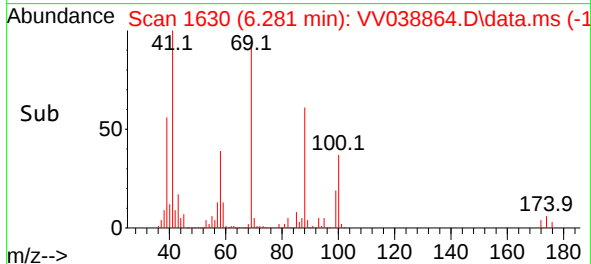
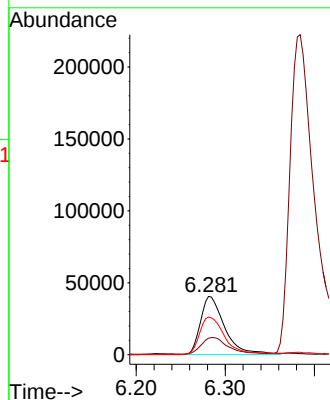
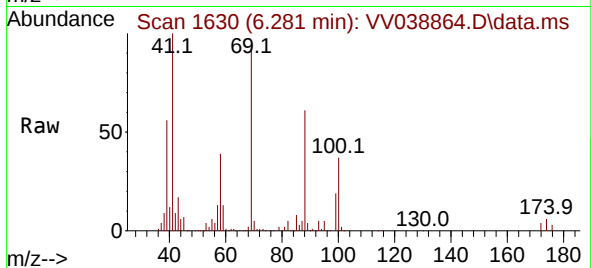
Tgt Ion: 88 Resp: 75992

Ion Ratio Lower Upper

88 100

43 31.3 25.2 37.8

58 68.0 52.1 78.1



#50

Toluene-d8

Concen: 48.330 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038864.D

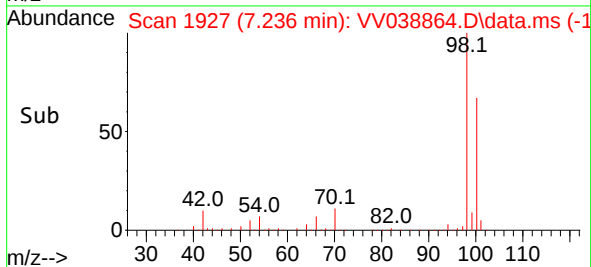
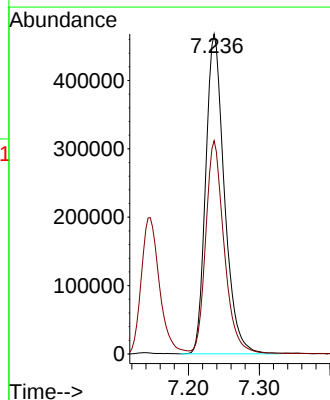
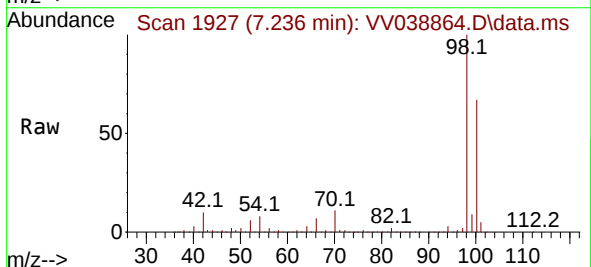
Acq: 07 Jul 2025 08:58

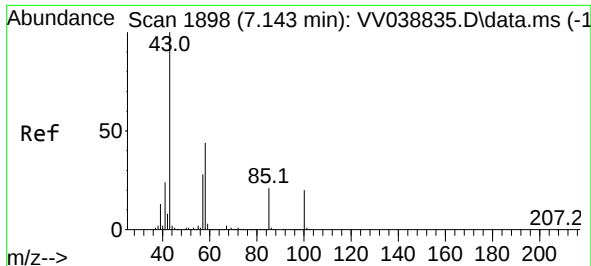
Tgt Ion: 98 Resp: 855454

Ion Ratio Lower Upper

98 100

100 65.7 53.0 79.4

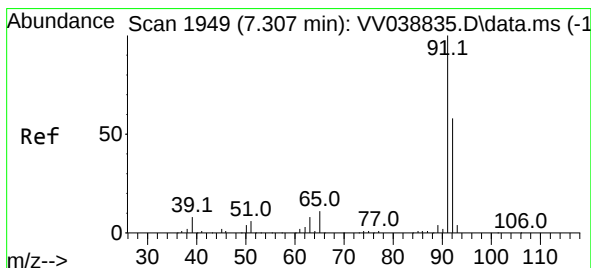
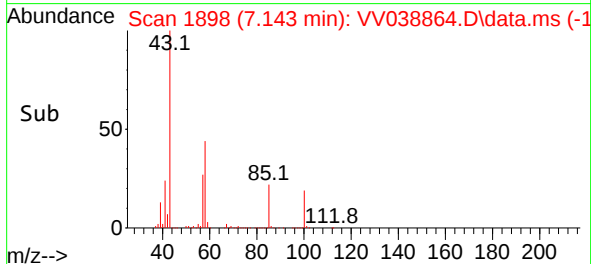
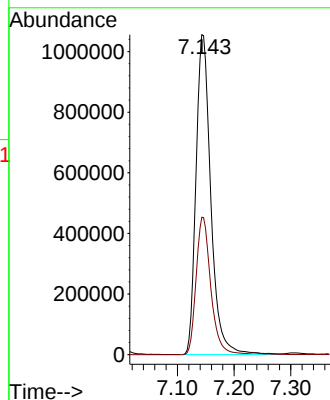
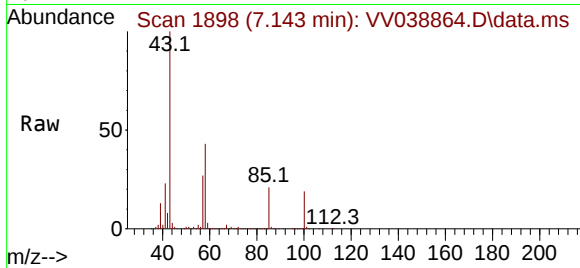




#51
4-Methyl-2-Pentanone
Concen: 281.207 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

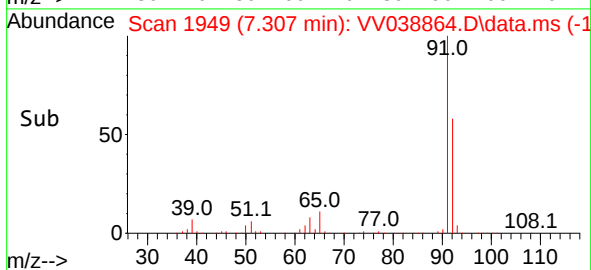
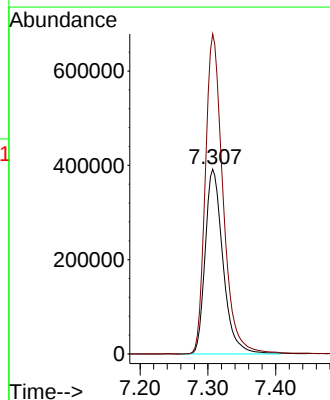
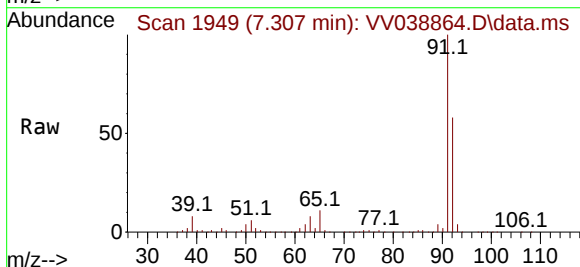
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

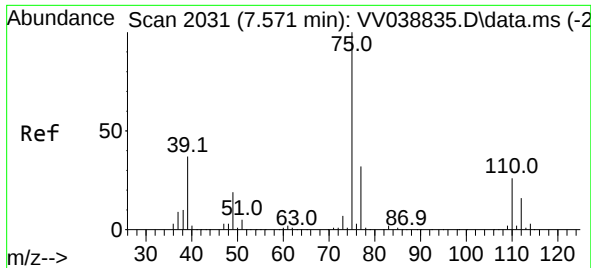
Tgt Ion: 43 Resp: 1917676
Ion Ratio Lower Upper
43 100
58 42.4 34.4 51.6



#52
Toluene
Concen: 52.134 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 92 Resp: 714015
Ion Ratio Lower Upper
92 100
91 172.8 138.5 207.7

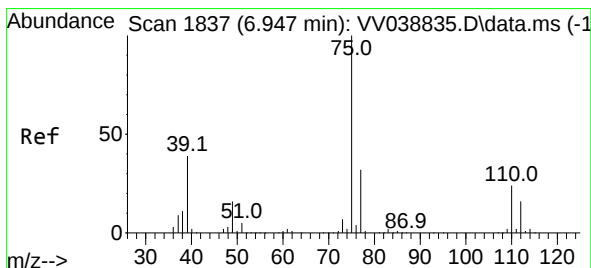
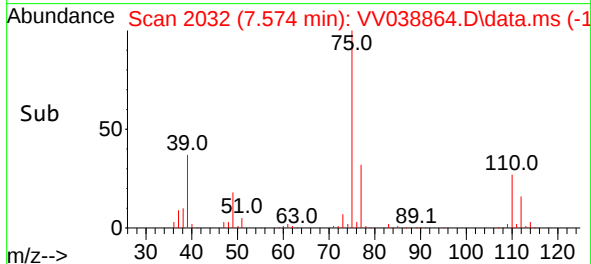
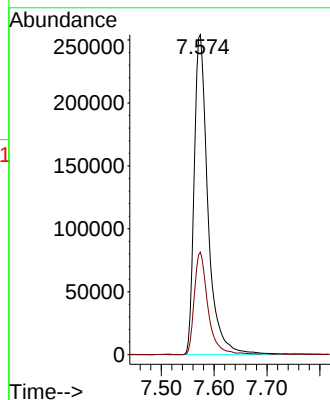
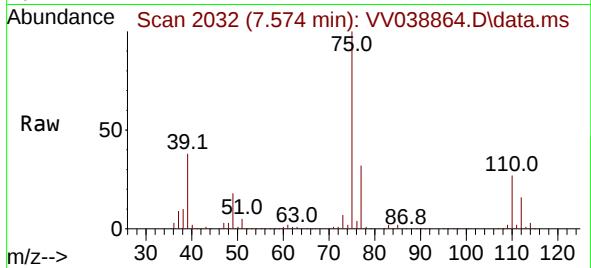




#53
t-1,3-Dichloropropene
Concen: 52.243 ug/l
RT: 7.574 min Scan# 2031
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

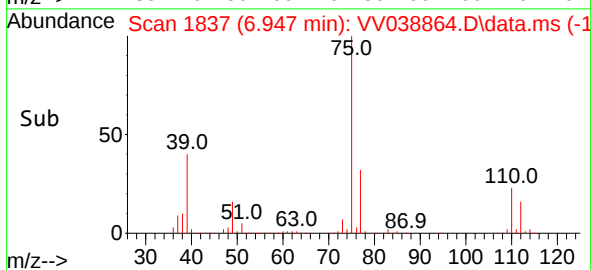
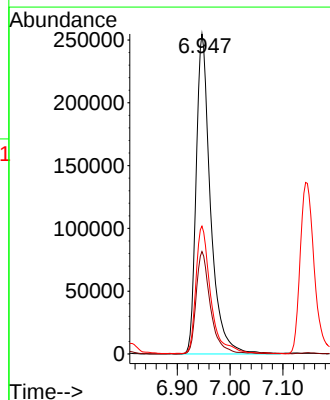
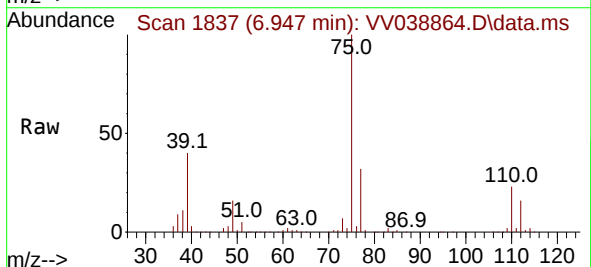
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

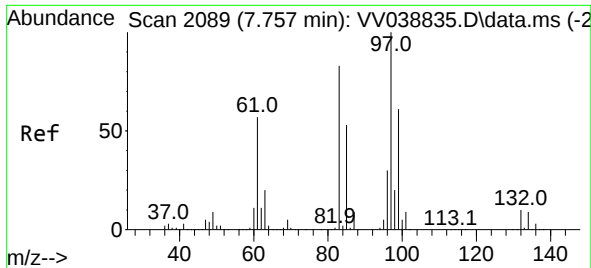
Tgt Ion: 75 Resp: 459787
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.409 ug/l
RT: 6.947 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 75 Resp: 480613
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
39 39.8 31.3 46.9

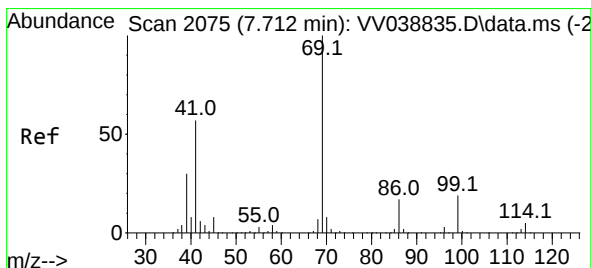
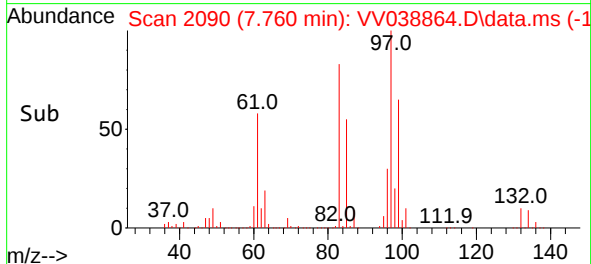
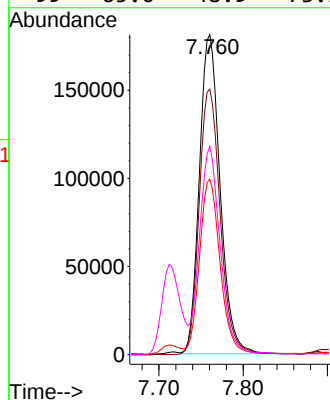
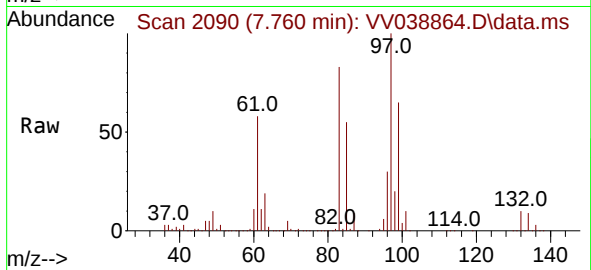




#55
1,1,2-Trichloroethane
Concen: 51.763 ug/l
RT: 7.760 min Scan# 2089
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

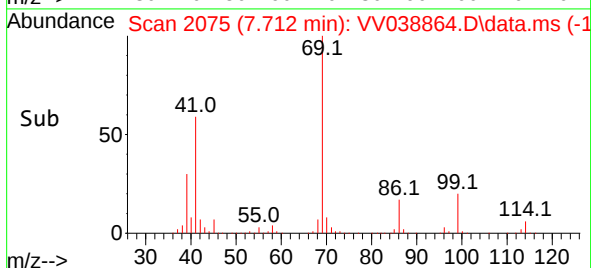
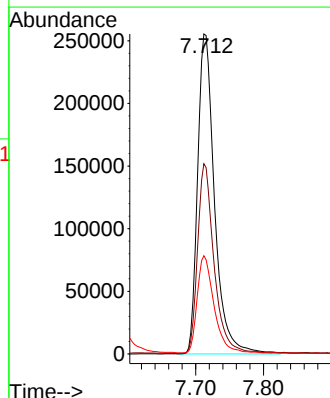
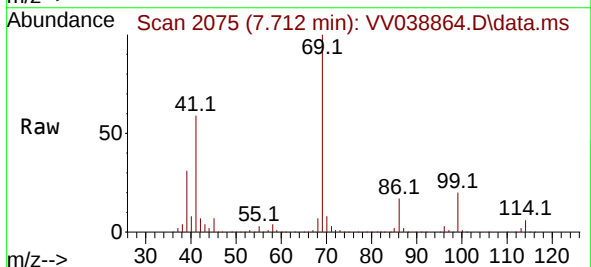
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

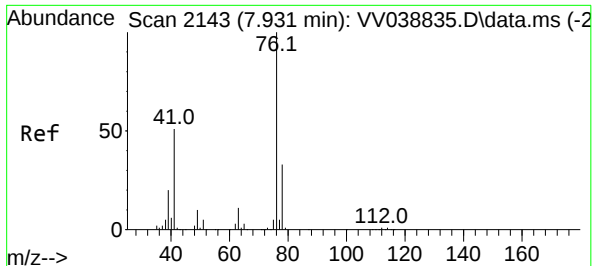
Tgt Ion:	97	Resp:	310008
Ion	Ratio	Lower	Upper
97	100		
83	83.0	66.2	99.4
85	54.6	42.2	63.4
99	65.0	48.9	73.3



#56
Ethyl methacrylate
Concen: 56.344 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:	69	Resp:	443931
Ion	Ratio	Lower	Upper
69	100		
41	57.5	46.1	69.1
39	30.3	24.1	36.1

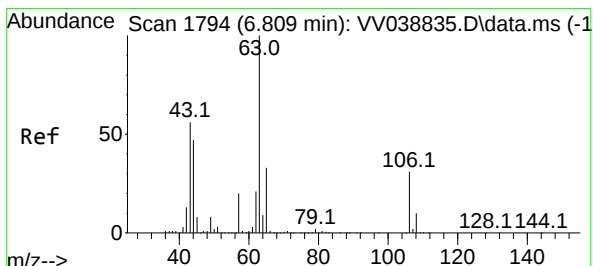
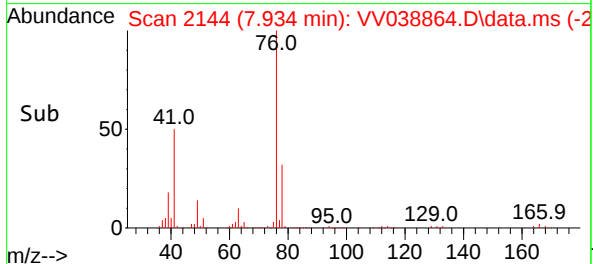
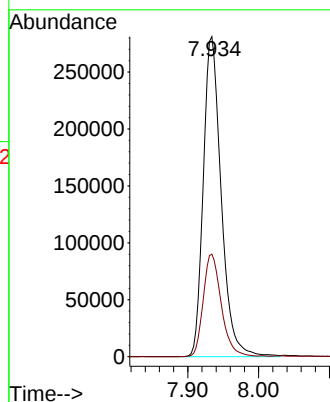
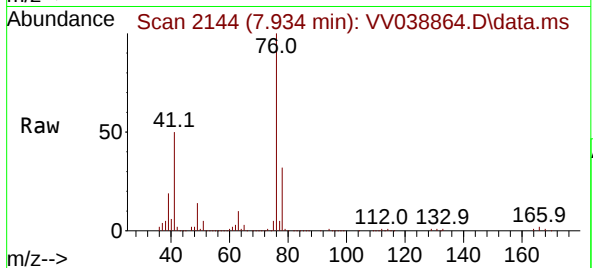




#57
1,3-Dichloropropane
Concen: 52.311 ug/l
RT: 7.934 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

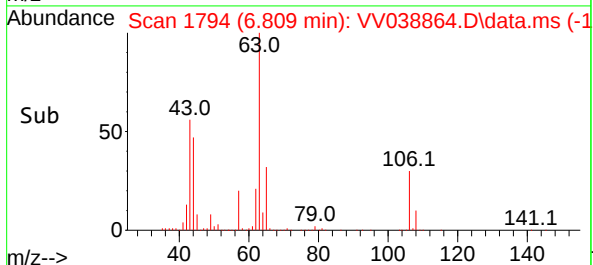
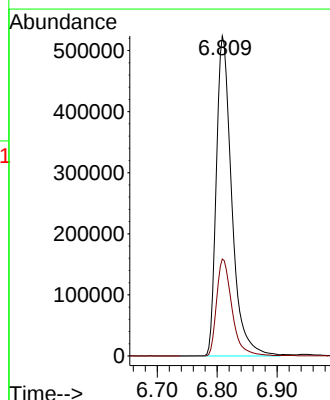
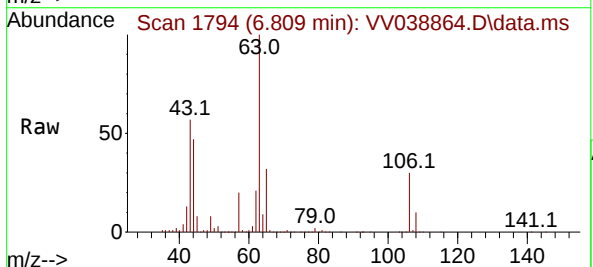
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

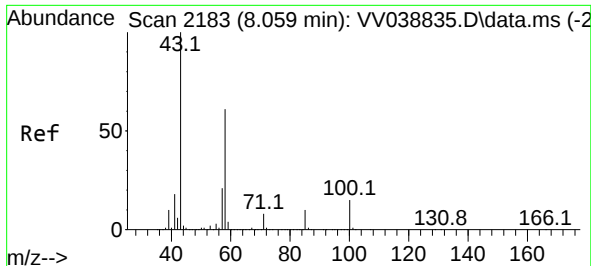
Tgt Ion: 76 Resp: 493531
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 261.531 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 63 Resp: 935656
Ion Ratio Lower Upper
63 100
106 30.1 24.6 37.0

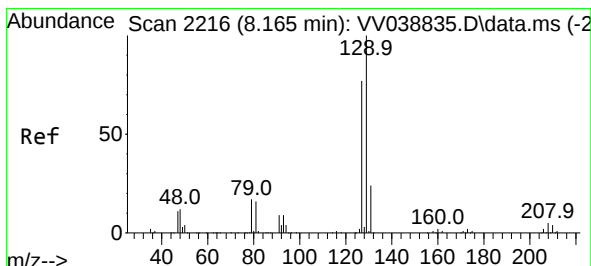
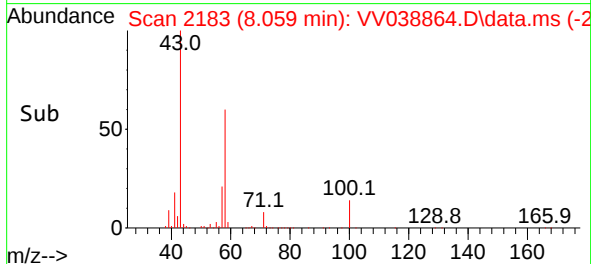
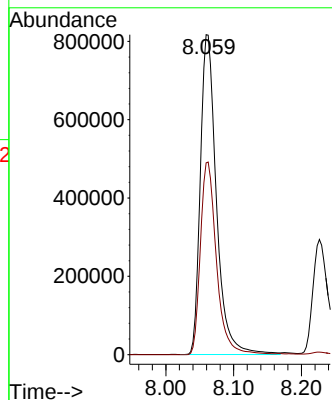
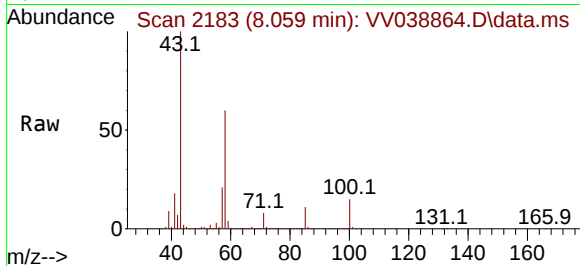




#59
2-Hexanone
Concen: 279.735 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

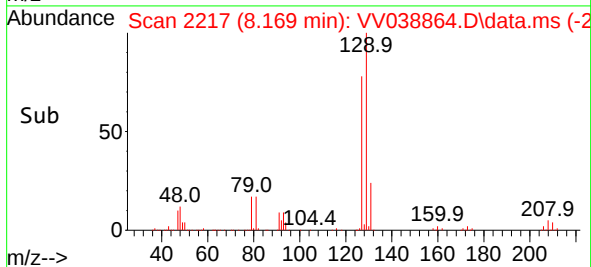
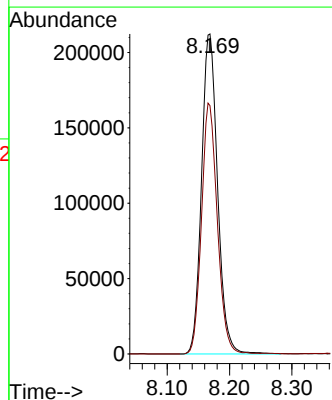
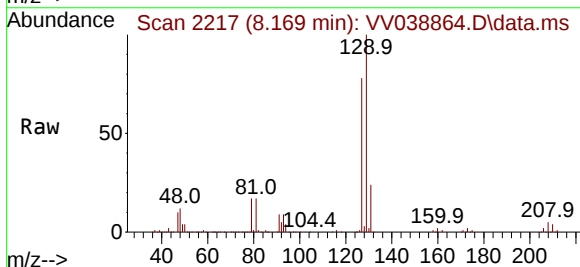
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

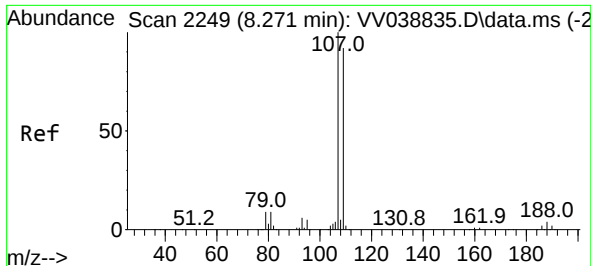
Tgt Ion: 43 Resp: 1345504
Ion Ratio Lower Upper
43 100
58 60.3 30.3 91.0



#60
Dibromochloromethane
Concen: 50.353 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 129 Resp: 379701
Ion Ratio Lower Upper
129 100
127 77.2 38.2 114.6

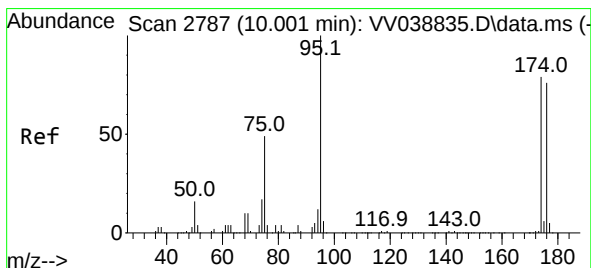
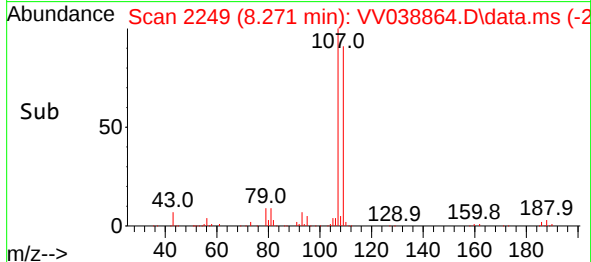
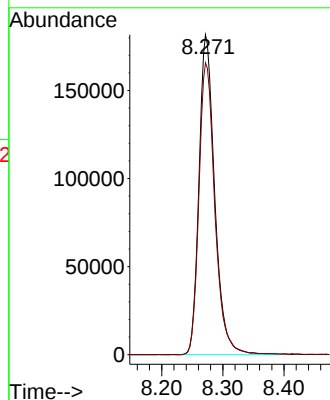
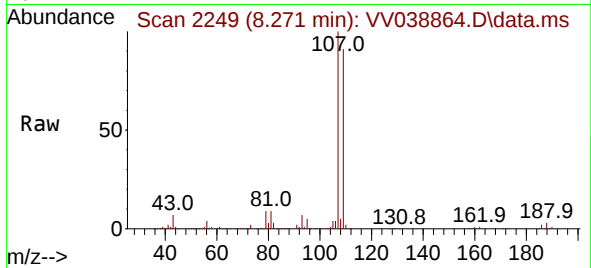




#61
1,2-Dibromoethane
Concen: 52.355 ug/l
RT: 8.271 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

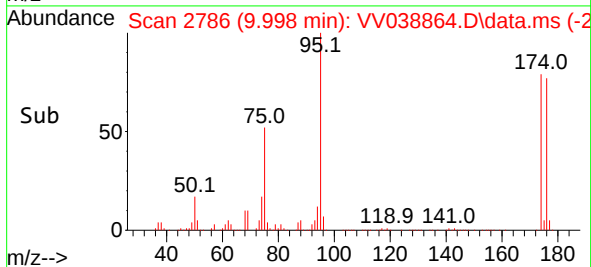
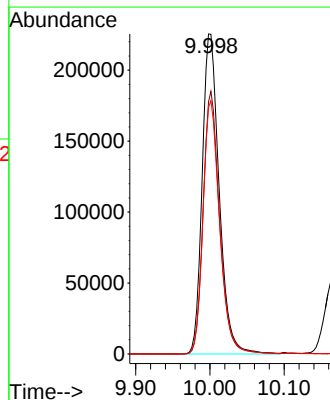
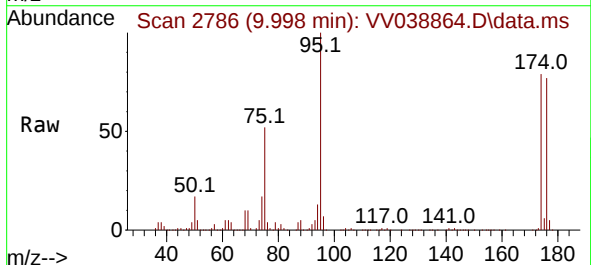
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

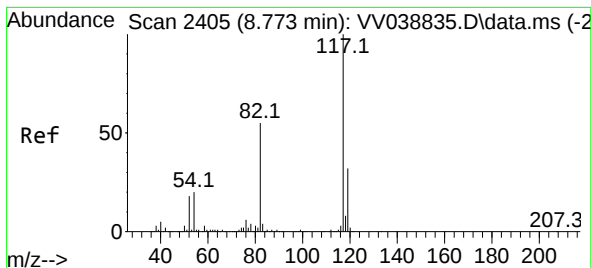
Tgt Ion:107 Resp: 324397
Ion Ratio Lower Upper
107 100
109 92.9 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.160 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 95 Resp: 358700
Ion Ratio Lower Upper
95 100
174 79.3 0.0 158.2
176 77.4 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

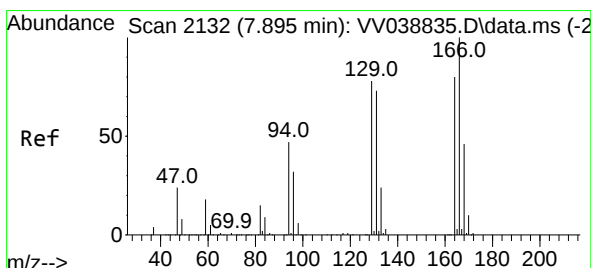
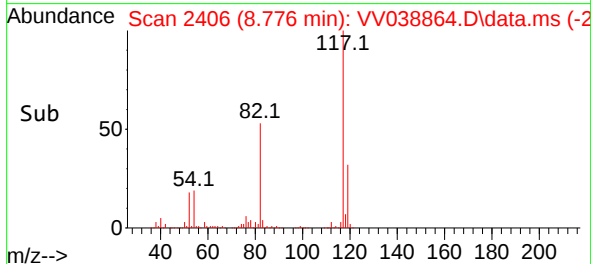
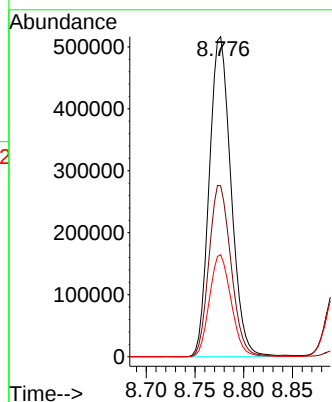
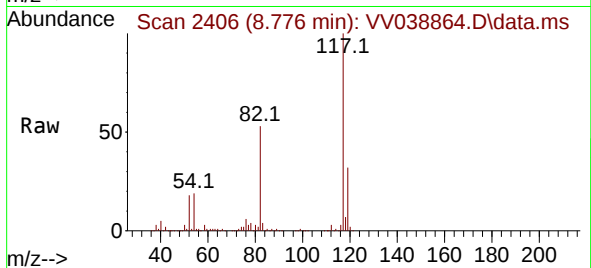
Tgt Ion:117 Resp: 800201

Ion Ratio Lower Upper

117 100

82 53.4 44.2 66.4

119 31.8 25.5 38.3



#64

Tetrachloroethene

Concen: 47.629 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Tgt Ion:164 Resp: 245088

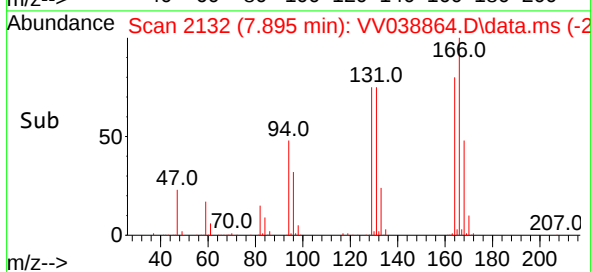
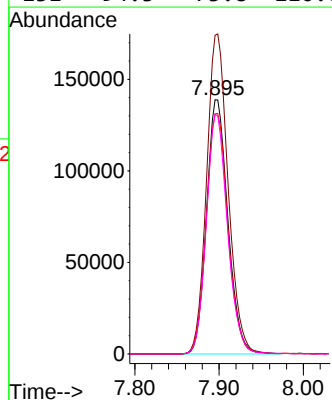
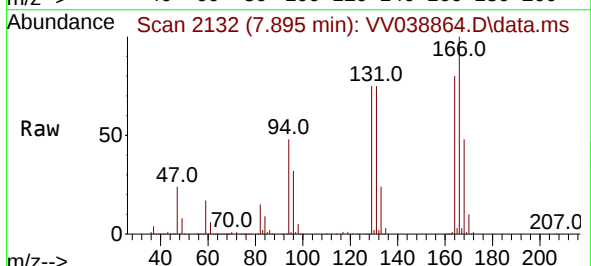
Ion Ratio Lower Upper

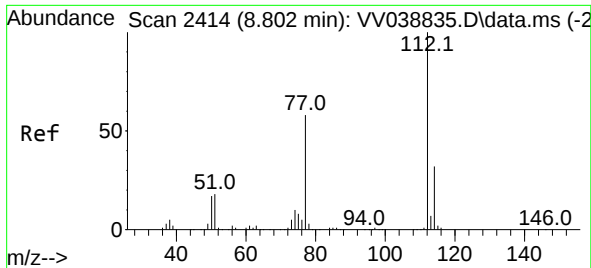
164 100

166 125.3 100.6 151.0

129 94.5 78.4 117.6

131 94.3 73.8 110.6

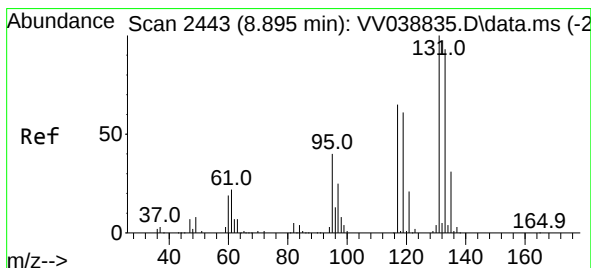
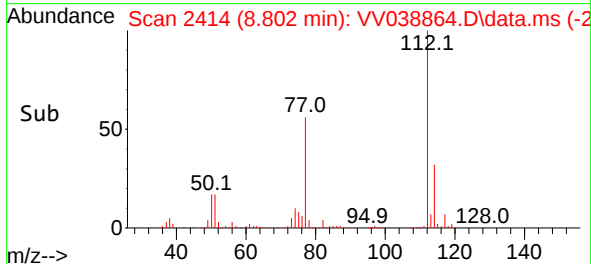
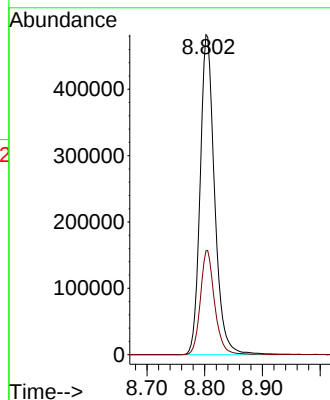
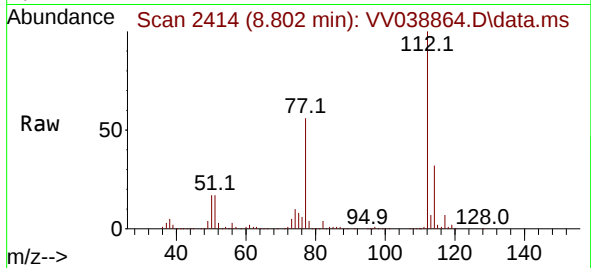




#65
Chlorobenzene
Concen: 49.698 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

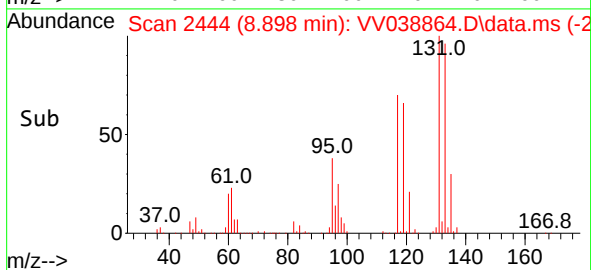
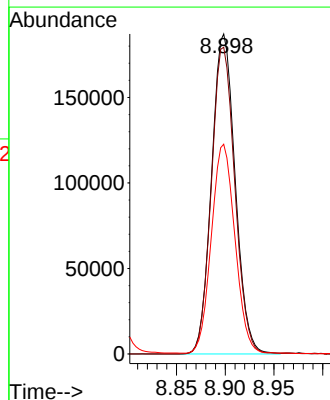
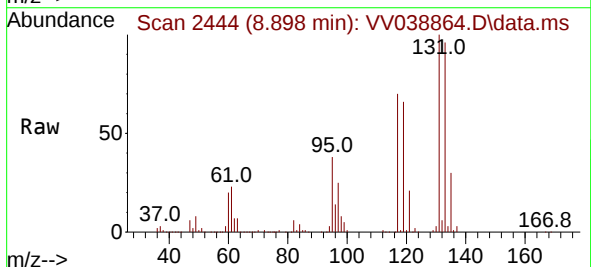
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

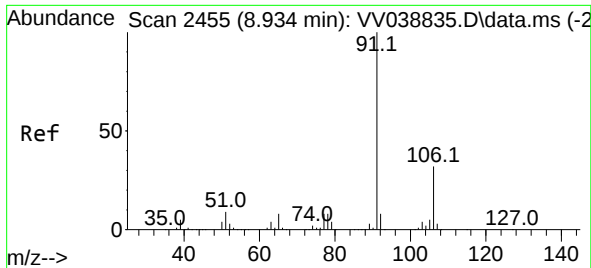
Tgt Ion:112 Resp: 838086
Ion Ratio Lower Upper
112 100
114 32.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.071 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:131 Resp: 315307
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 65.0 31.0 93.0

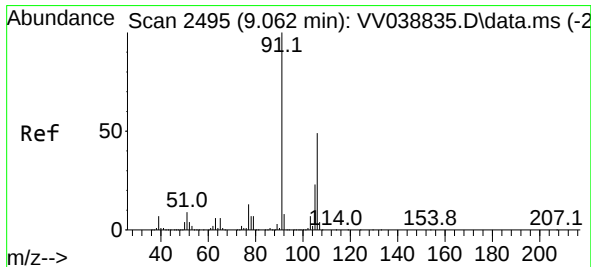
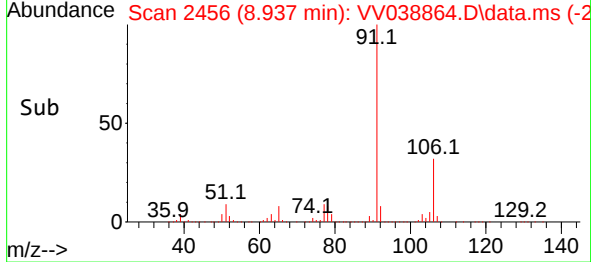
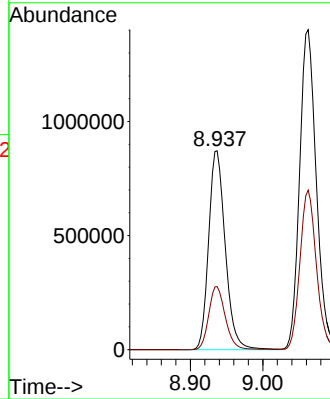
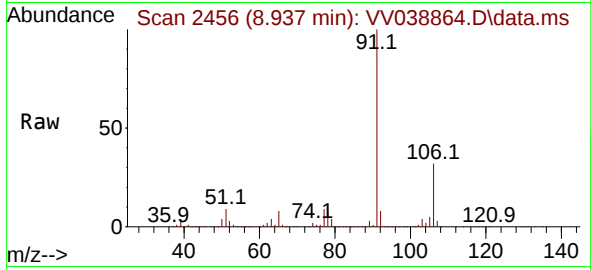




#67
Ethyl Benzene
Concen: 52.589 ug/l
RT: 8.937 min Scan# 2455
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

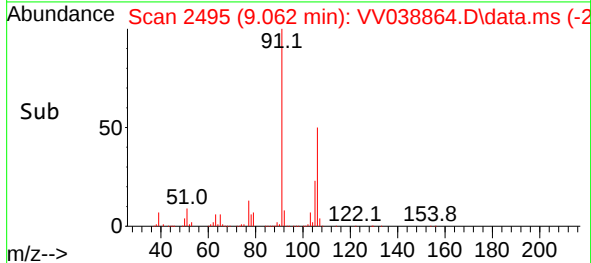
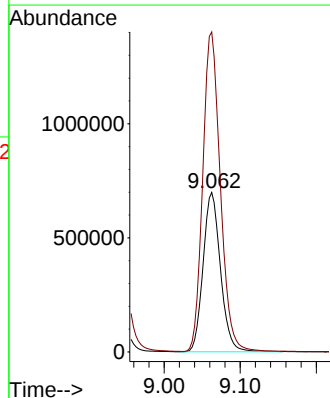
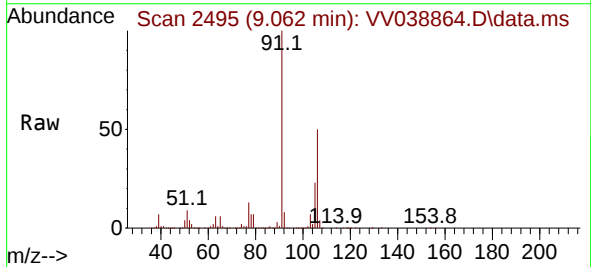
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

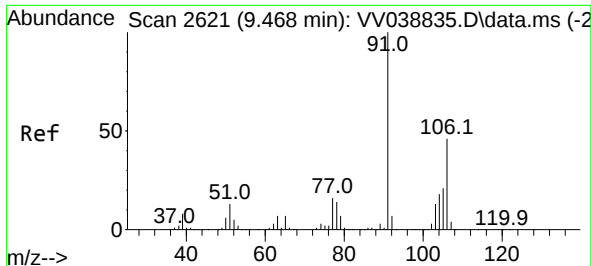
Tgt Ion: 91 Resp: 1389452
Ion Ratio Lower Upper
91 100
106 31.7 25.2 37.8



#68
m/p-Xylenes
Concen: 109.470 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 106 Resp: 1107827
Ion Ratio Lower Upper
106 100
91 203.8 162.9 244.3

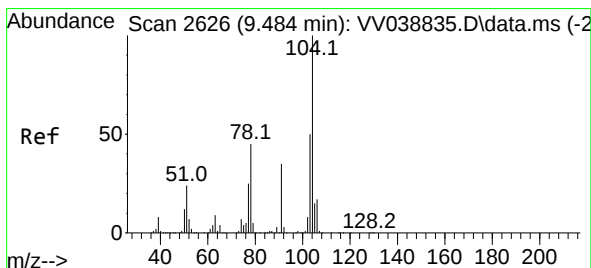
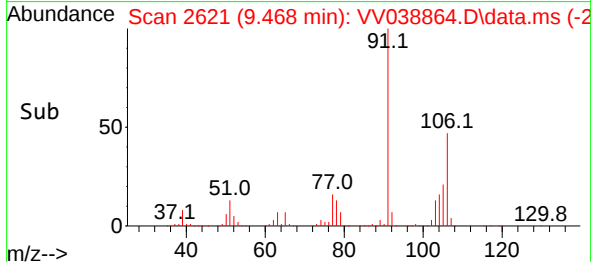
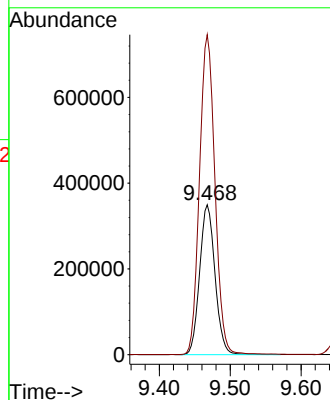
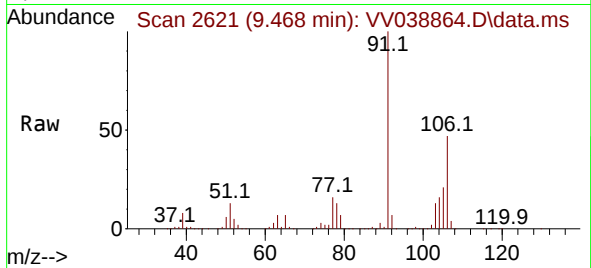




#69
o-Xylene
Concen: 54.517 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

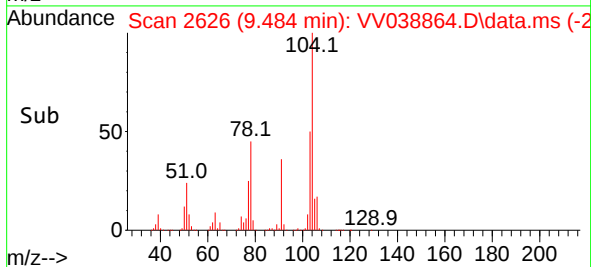
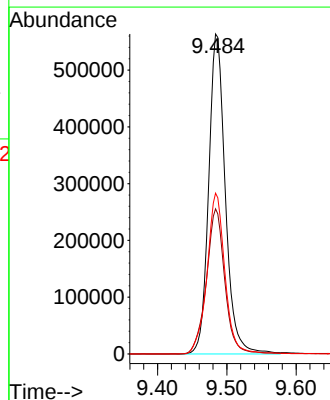
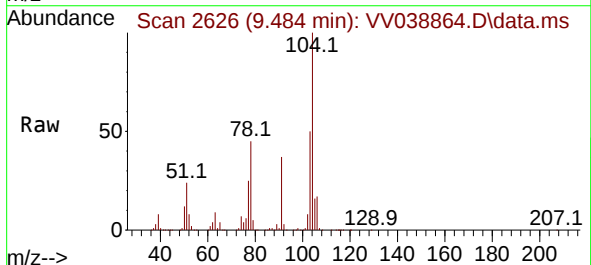
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

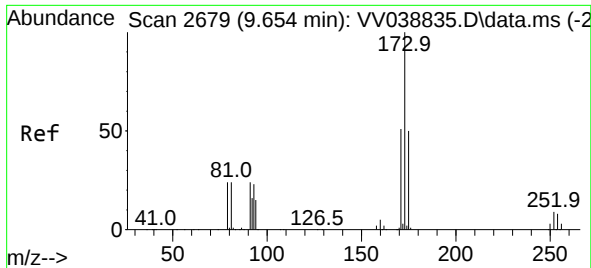
Tgt Ion:106 Resp: 527112
Ion Ratio Lower Upper
106 100
91 213.7 107.6 322.8



#70
Styrene
Concen: 55.722 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:104 Resp: 940648
Ion Ratio Lower Upper
104 100
78 50.2 39.9 59.9
103 53.9 43.4 65.0

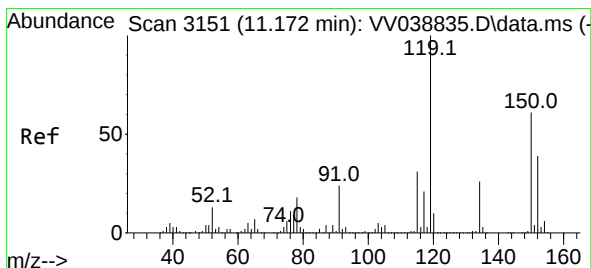
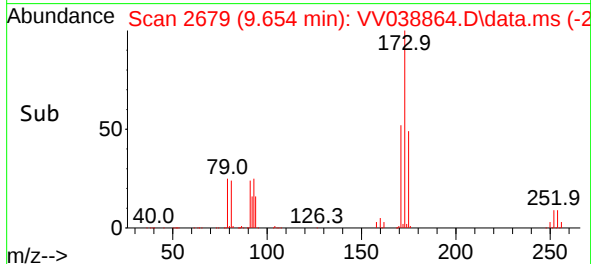
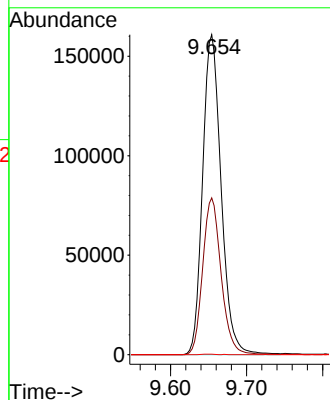
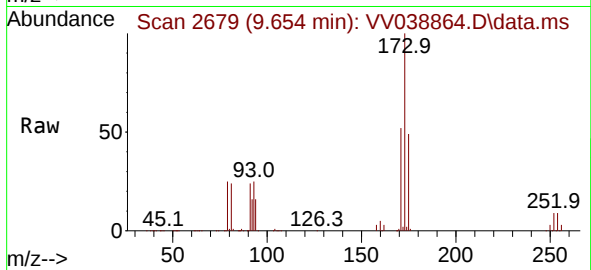




#71
Bromoform
Concen: 53.249 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

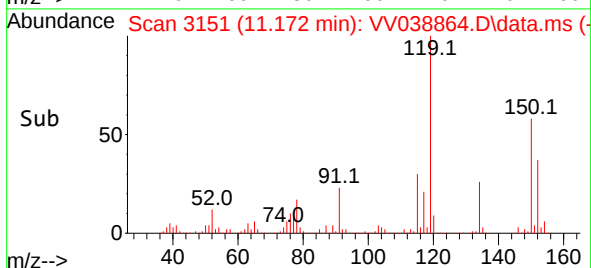
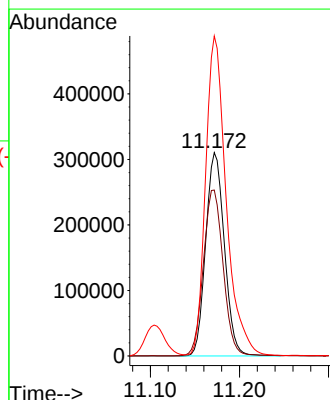
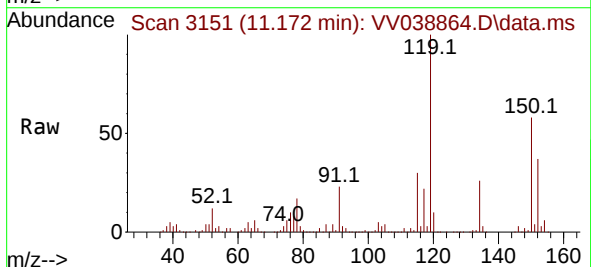
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

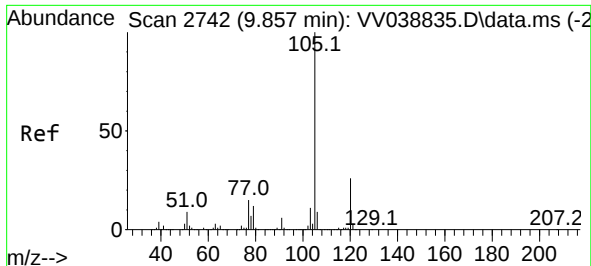
Tgt Ion:173 Resp: 272485
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.9
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion:152 Resp: 451718
Ion Ratio Lower Upper
152 100
115 86.3 42.0 126.0
150 173.1 0.0 343.6

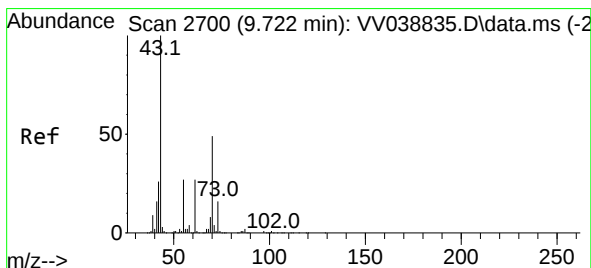
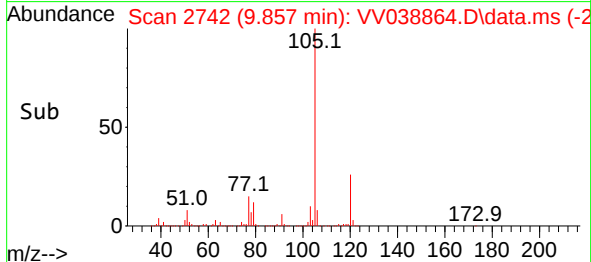
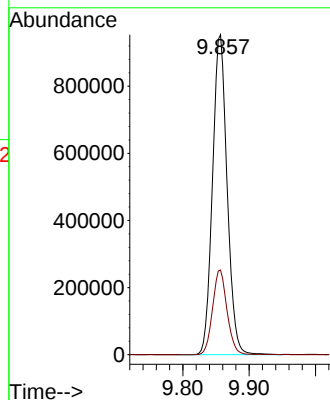
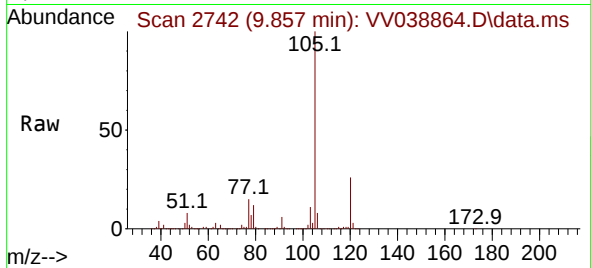




#73
Isopropylbenzene
Concen: 55.072 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

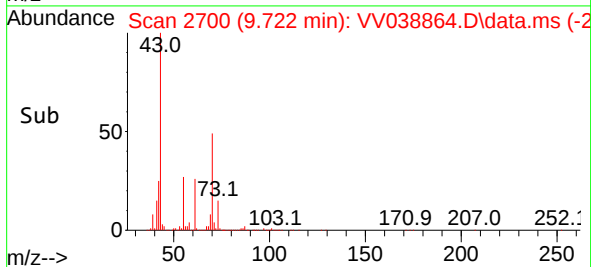
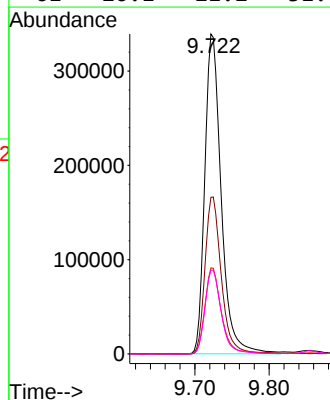
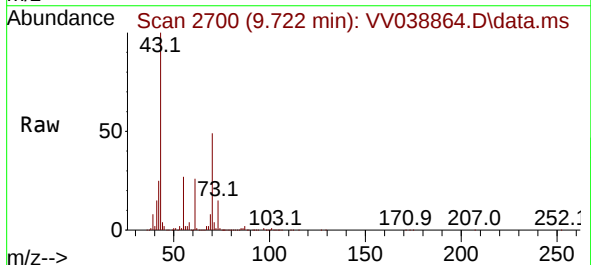
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

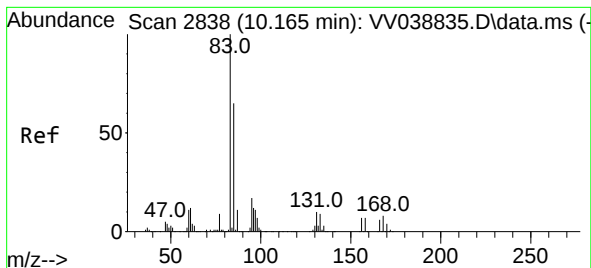
Tgt Ion:105 Resp: 1459981
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3



#74
N-ethyl acetate
Concen: 56.088 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 43 Resp: 520460
Ion Ratio Lower Upper
43 100
70 48.4 39.7 59.5
55 27.0 22.1 33.1
61 26.1 21.2 31.8

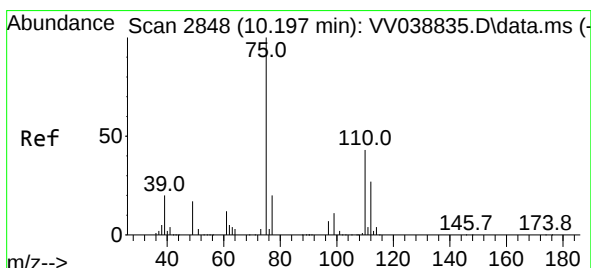
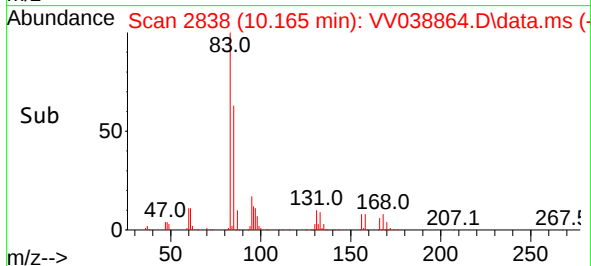
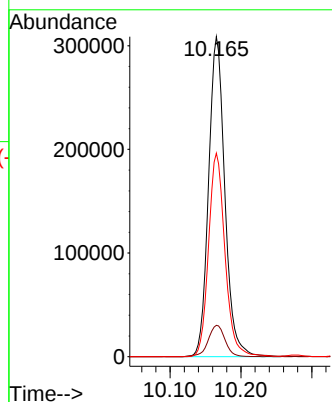
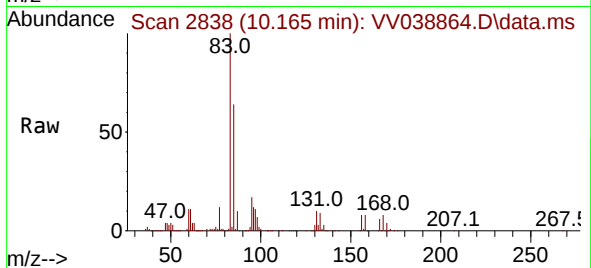




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.298 ug/l
 RT: 10.165 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

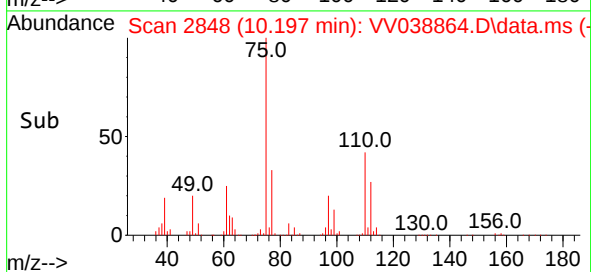
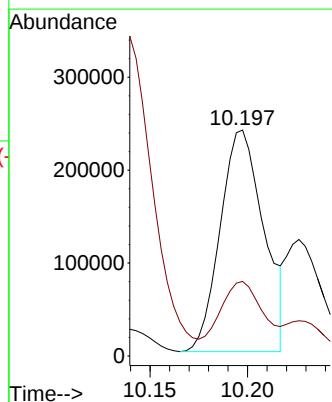
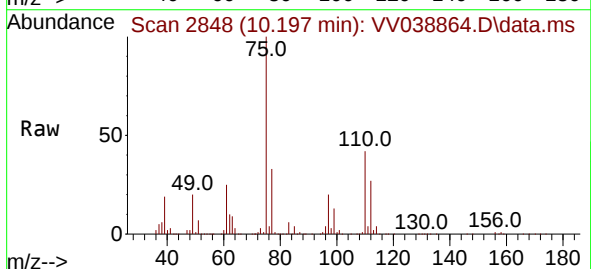
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

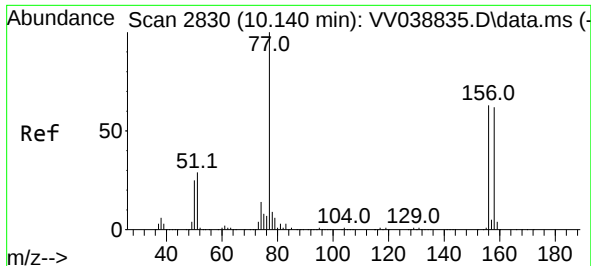
Tgt Ion: 83 Resp: 493008
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.2 31.6 95.0



#76
 1,2,3-Trichloropropane
 Concen: 53.200 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038864.D
 Acq: 07 Jul 2025 08:58

Tgt Ion: 75 Resp: 371822
 Ion Ratio Lower Upper
 75 100
 77 22.6 11.7 35.1

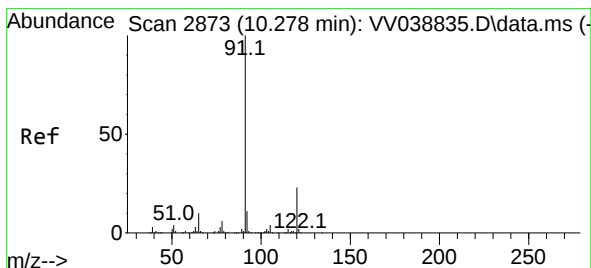
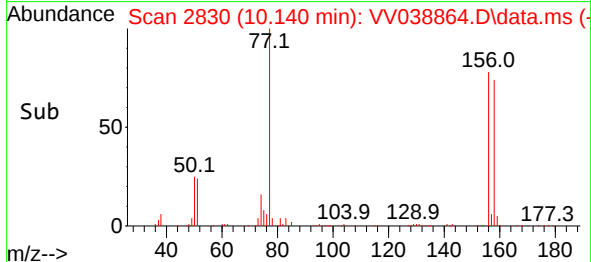
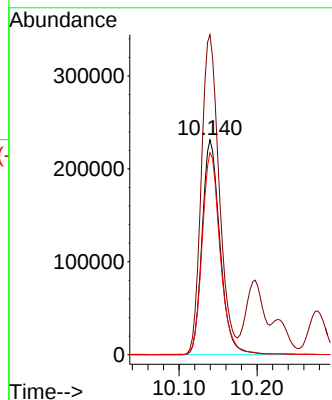
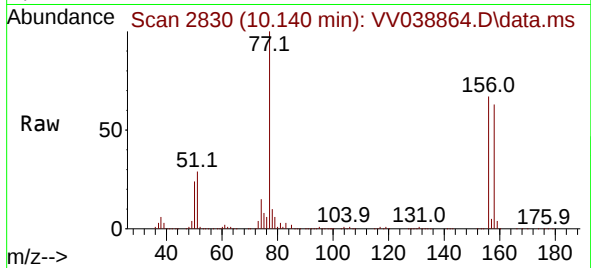




#77
Bromobenzene
Concen: 53.805 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

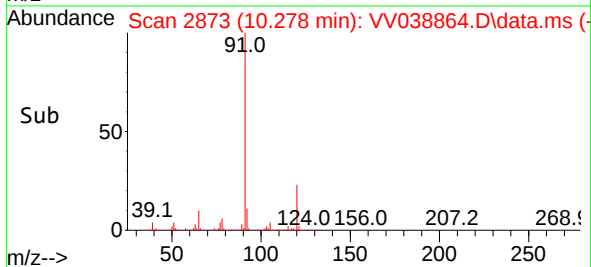
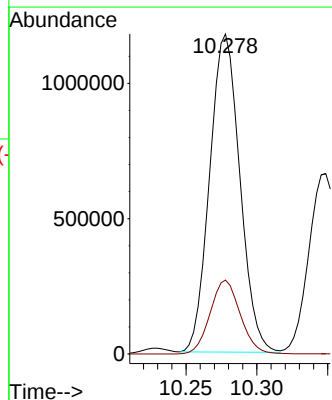
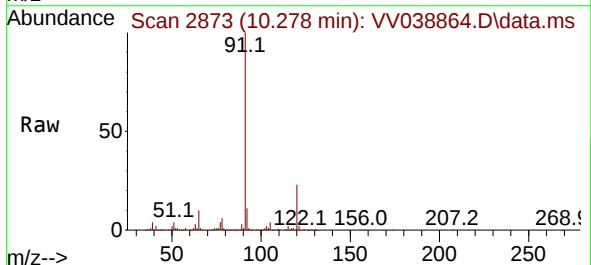
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

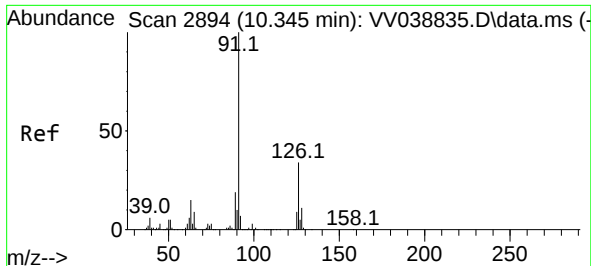
Tgt Ion:156 Resp: 367970
Ion Ratio Lower Upper
156 100
77 148.9 77.0 230.8
158 94.7 48.8 146.3



#78
n-propylbenzene
Concen: 55.237 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 91 Resp: 1742646
Ion Ratio Lower Upper
91 100
120 23.2 11.7 35.0

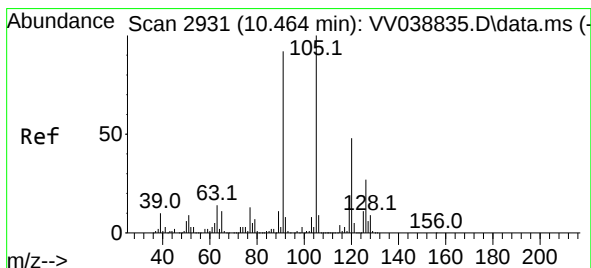
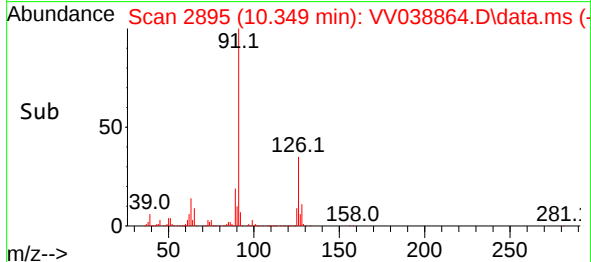
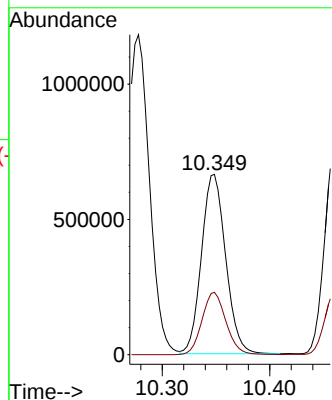
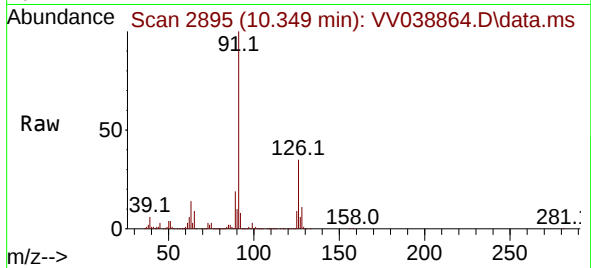




#79
2-Chlorotoluene
Concen: 53.960 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

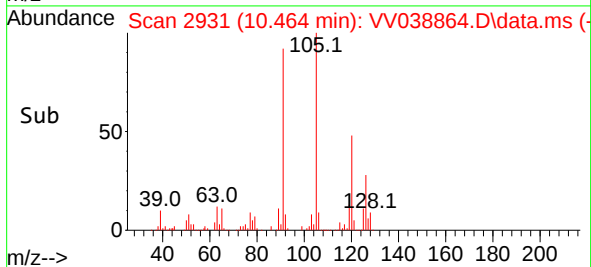
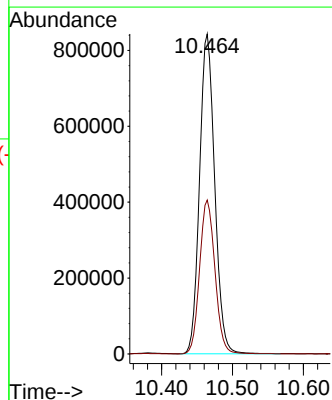
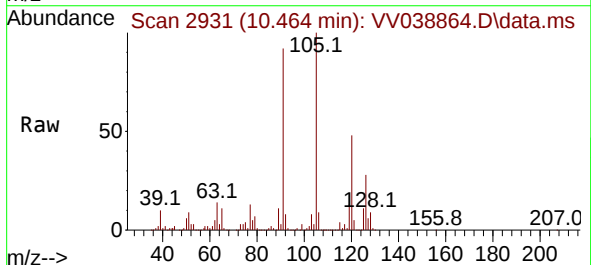
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

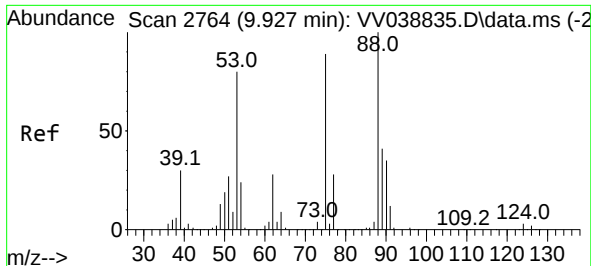
Tgt Ion: 91 Resp: 1033867
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 55.191 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 105 Resp: 1251012
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

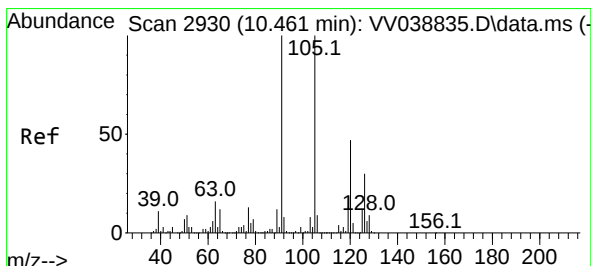
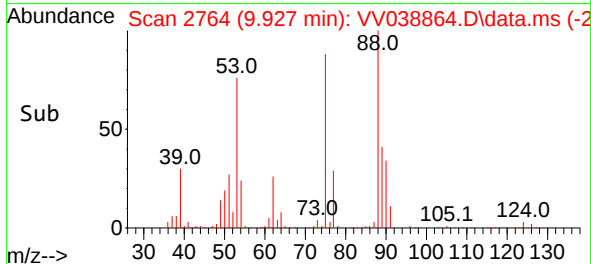
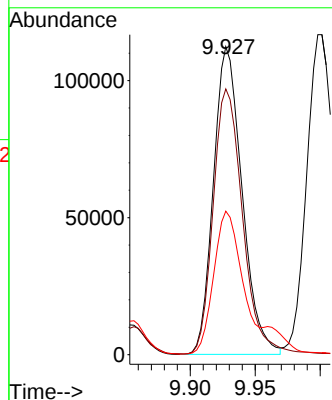
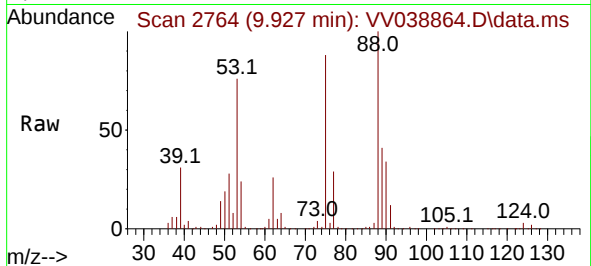




#81
trans-1,4-Dichloro-2-butene
Concen: 52.354 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

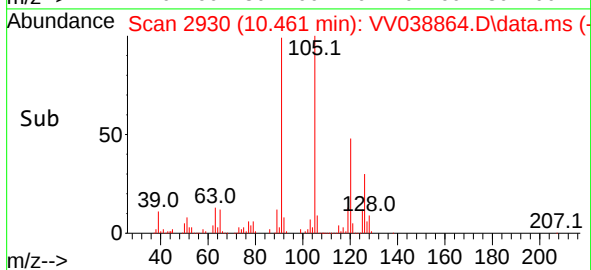
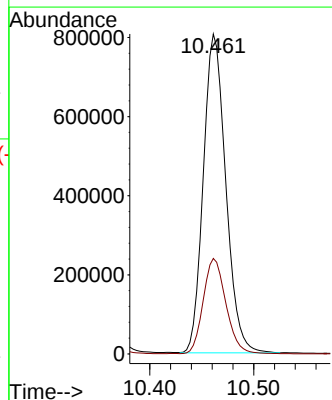
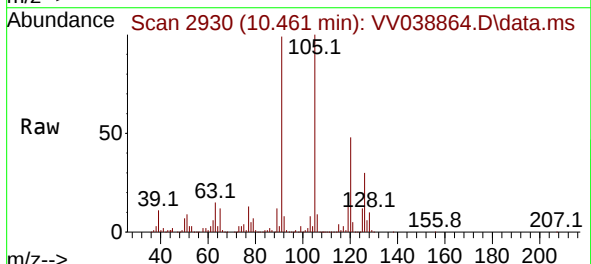
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

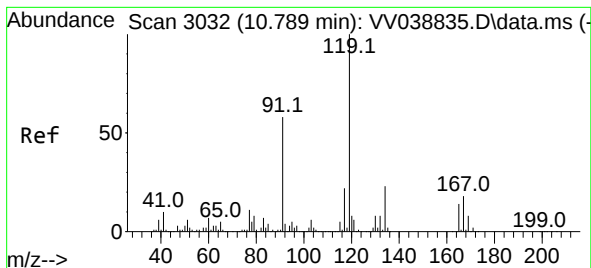
Tgt Ion: 75 Resp: 171899
Ion Ratio Lower Upper
75 100
53 88.4 71.2 106.8
89 53.3 44.6 66.8



#82
4-Chlorotoluene
Concen: 54.691 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 91 Resp: 1208017
Ion Ratio Lower Upper
91 100
126 30.2 14.8 44.3





#83

tert-Butylbenzene

Concen: 54.791 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

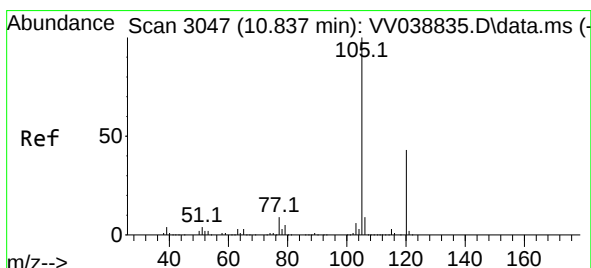
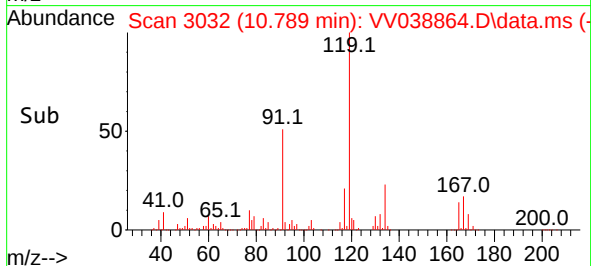
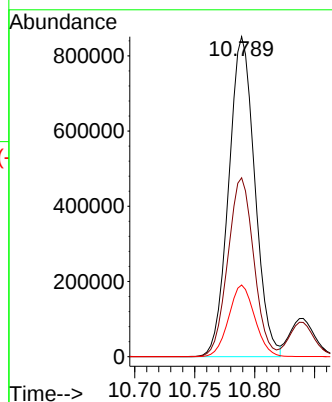
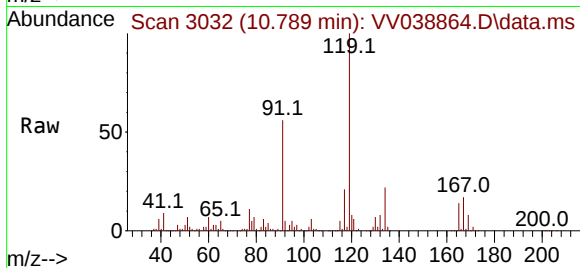
Tgt Ion:119 Resp: 1288120

Ion Ratio Lower Upper

119 100

91 55.6 28.5 85.5

134 22.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 56.608 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038864.D

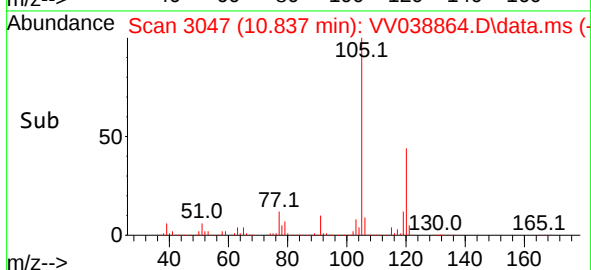
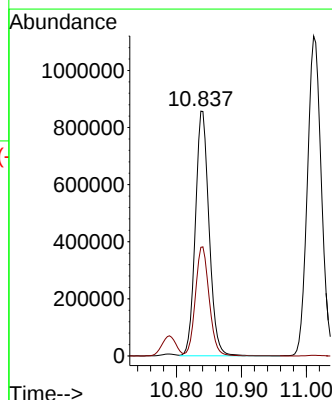
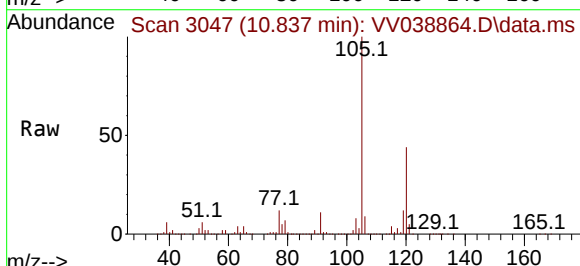
Acq: 07 Jul 2025 08:58

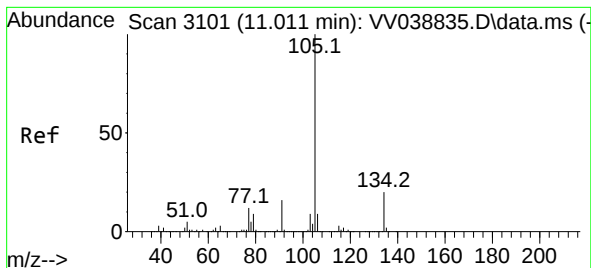
Tgt Ion:105 Resp: 1257634

Ion Ratio Lower Upper

105 100

120 44.6 22.7 68.0





#85

sec-Butylbenzene

Concen: 55.346 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

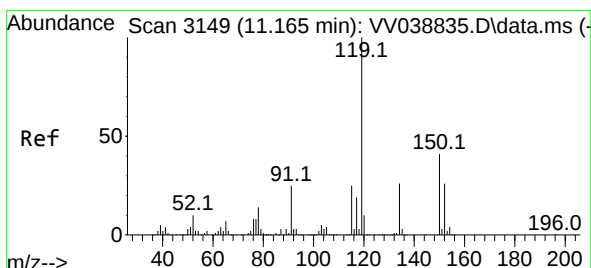
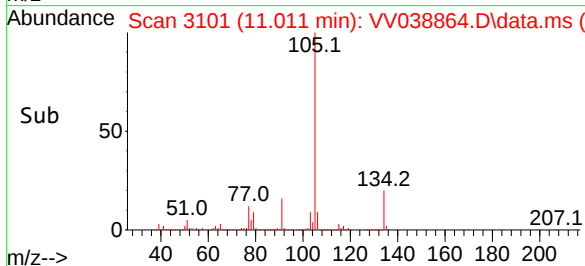
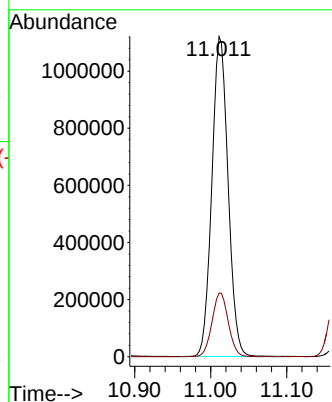
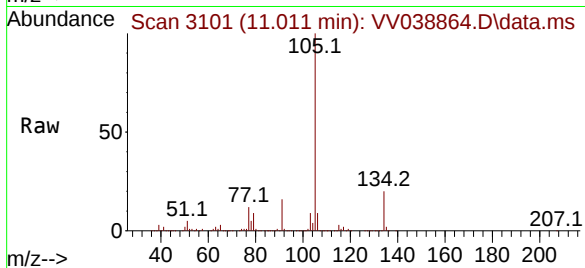
VSTDCCC050

Tgt Ion:105 Resp: 1656500

Ion Ratio Lower Upper

105 100

134 20.0 10.0 30.0



#86

p-Isopropyltoluene

Concen: 55.105 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

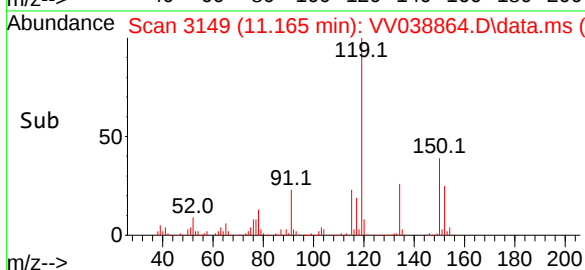
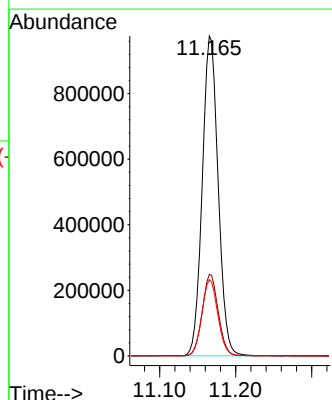
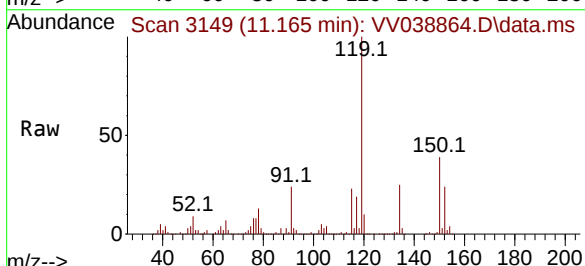
Tgt Ion:119 Resp: 1414053

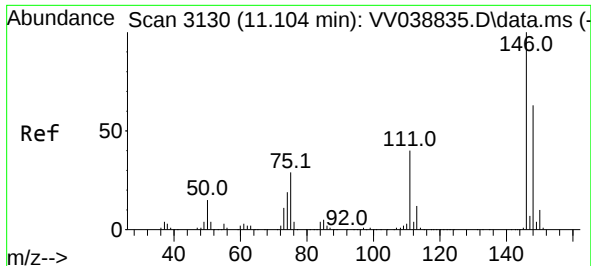
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 23.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 51.780 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

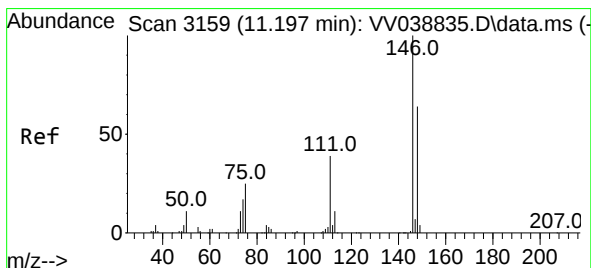
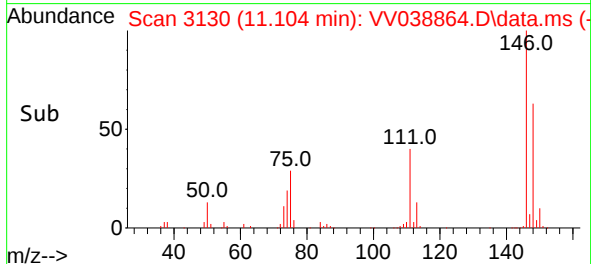
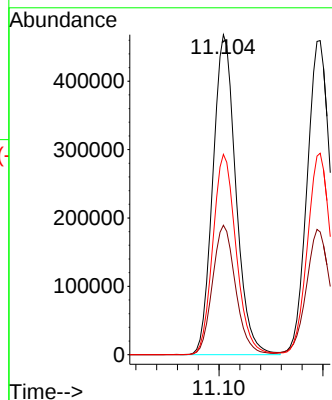
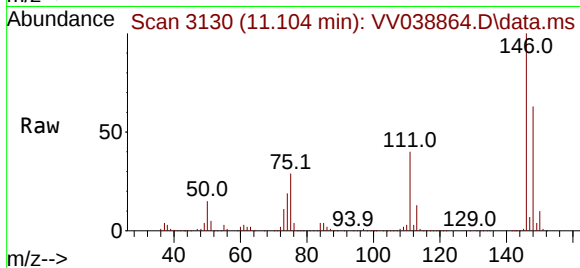
Tgt Ion:146 Resp: 719925

Ion Ratio Lower Upper

146 100

111 40.5 20.2 60.6

148 63.4 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 50.234 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. -0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

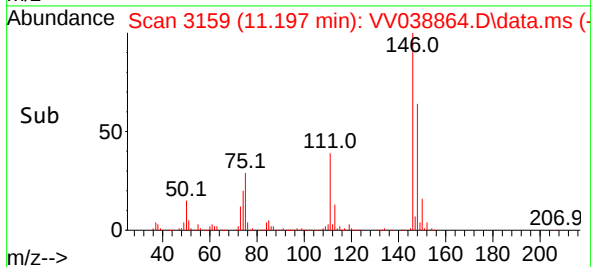
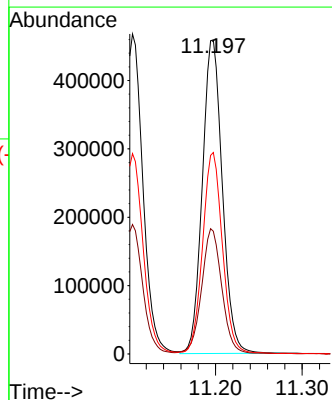
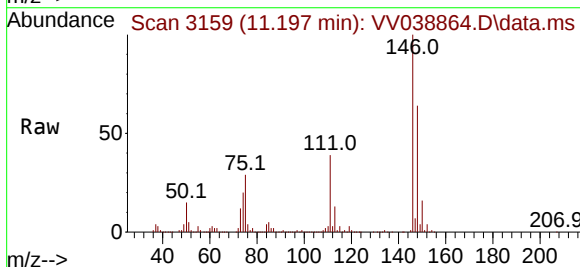
Tgt Ion:146 Resp: 735929

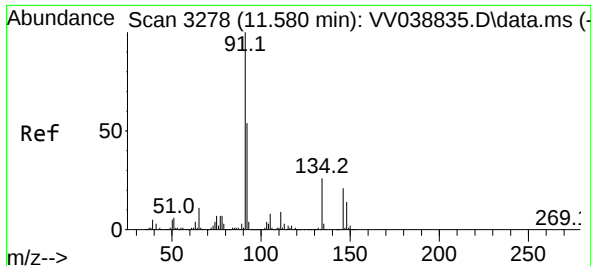
Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.3

148 63.7 32.0 96.2





#89

n-Butylbenzene

Concen: 55.760 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

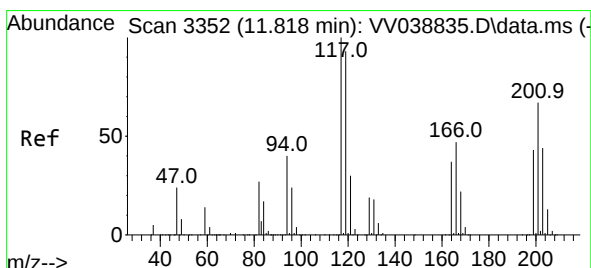
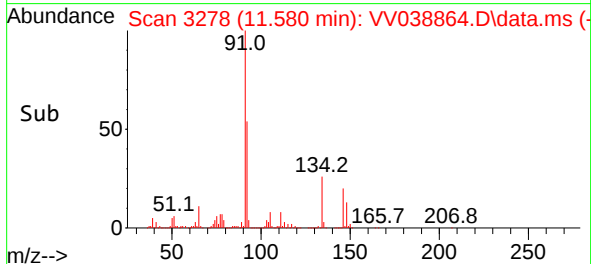
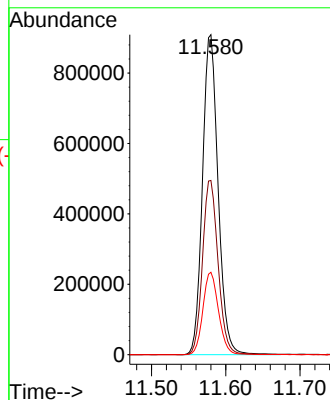
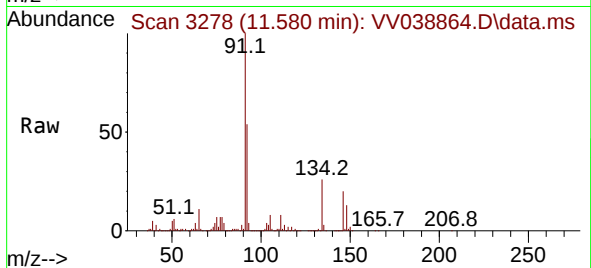
Tgt Ion: 91 Resp: 1326081

Ion Ratio Lower Upper

91 100

92 54.4 26.7 80.0

134 25.8 12.9 38.7



#90

Hexachloroethane

Concen: 49.559 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038864.D

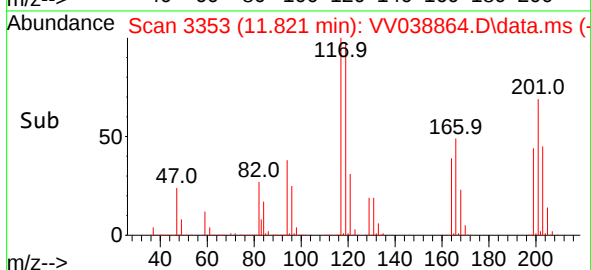
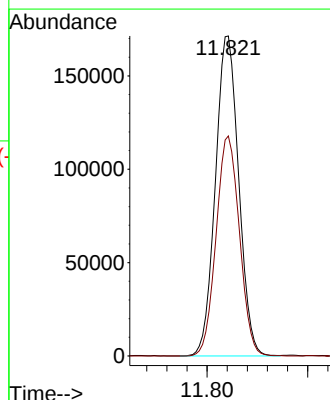
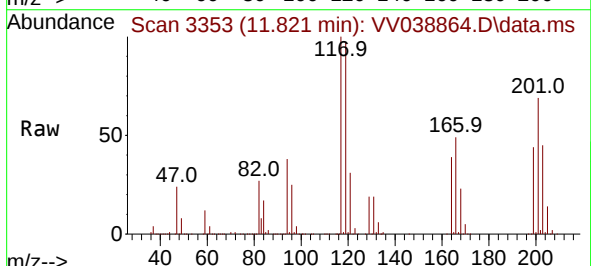
Acq: 07 Jul 2025 08:58

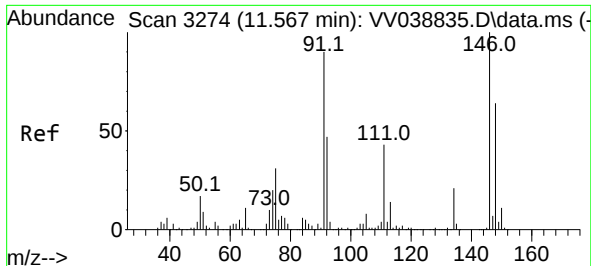
Tgt Ion: 117 Resp: 276049

Ion Ratio Lower Upper

117 100

201 68.8 34.4 103.1

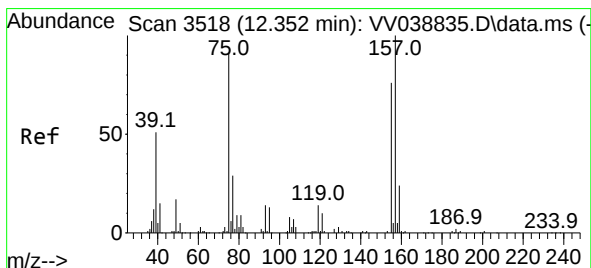
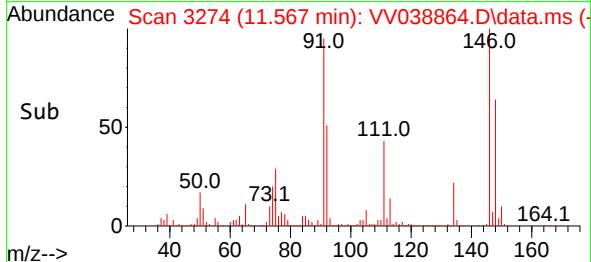
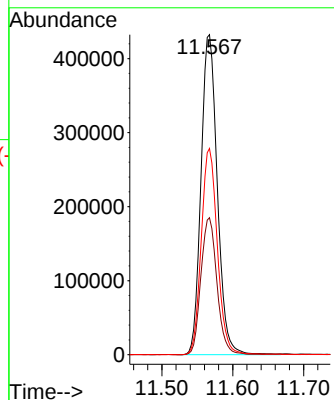
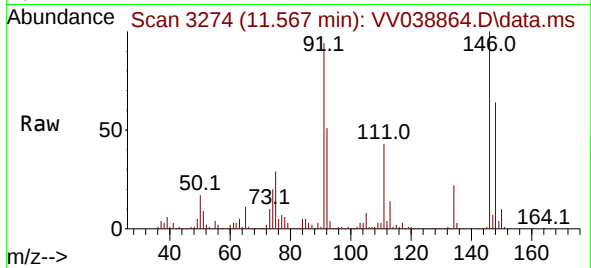




#91
1,2-Dichlorobenzene
Concen: 52.677 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

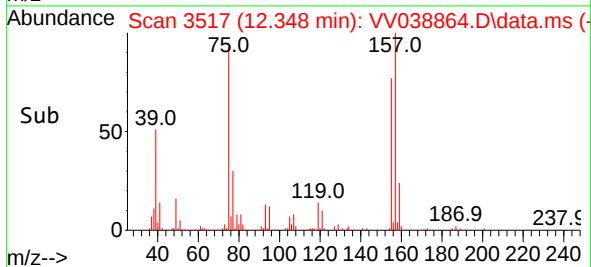
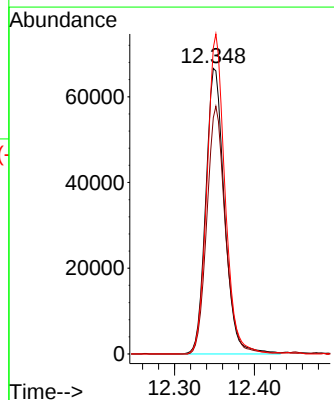
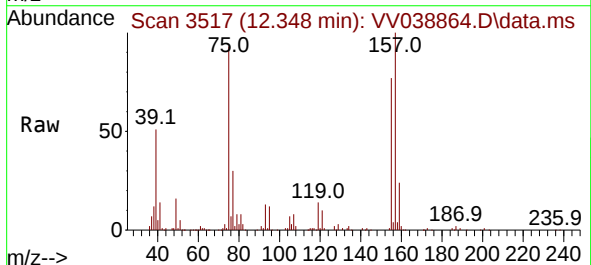
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

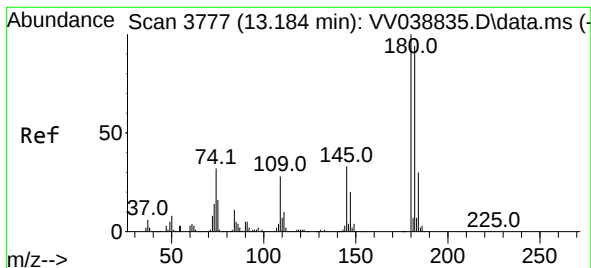
Tgt Ion:146 Resp: 690326
Ion Ratio Lower Upper
146 100
111 42.2 21.3 63.7
148 63.8 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.377 ug/l
RT: 12.348 min Scan# 3517
Delta R.T. -0.003 min
Lab File: VV038864.D
Acq: 07 Jul 2025 08:58

Tgt Ion: 75 Resp: 108610
Ion Ratio Lower Upper
75 100
155 85.9 43.2 129.6
157 107.5 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 54.572 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

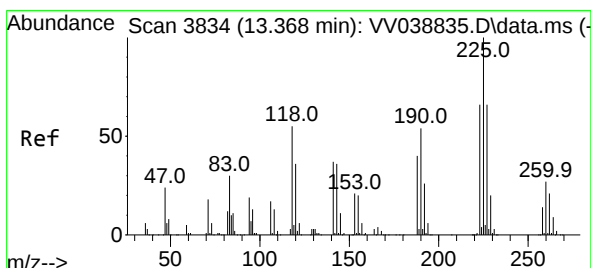
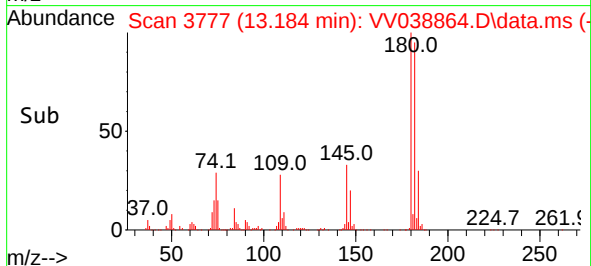
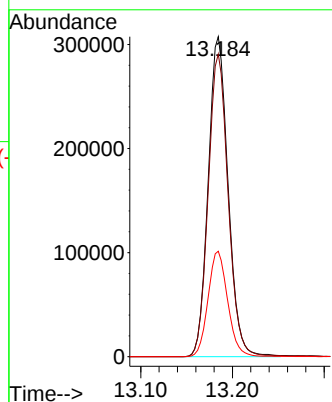
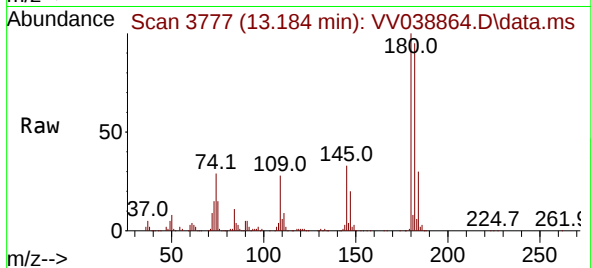
Tgt Ion:180 Resp: 463556

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.8

145 32.5 16.4 49.1



#94

Hexachlorobutadiene

Concen: 49.632 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

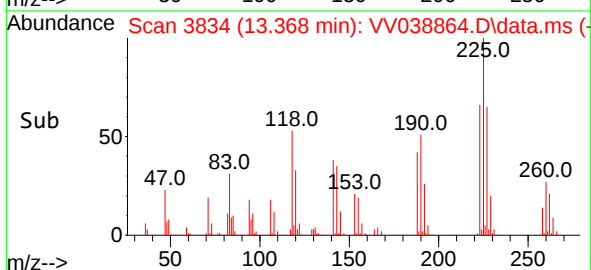
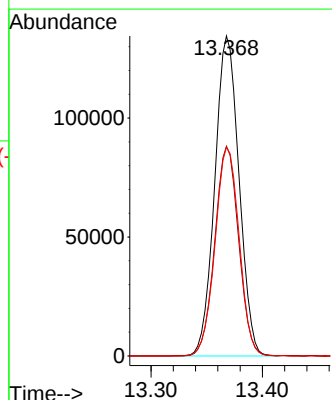
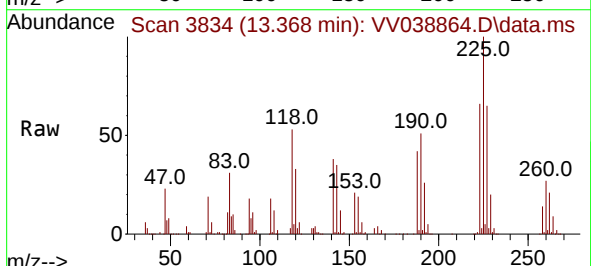
Tgt Ion:225 Resp: 203452

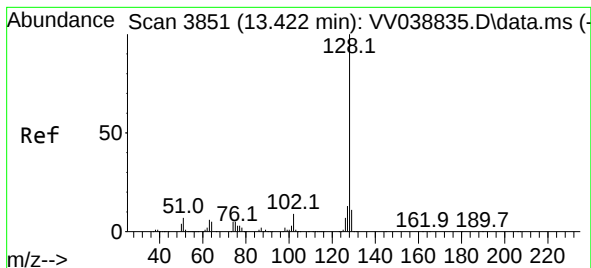
Ion Ratio Lower Upper

225 100

223 64.5 33.2 99.6

227 64.7 32.3 96.8





#95

Naphthalene

Concen: 56.360 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

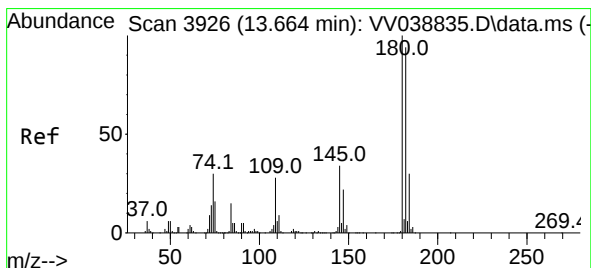
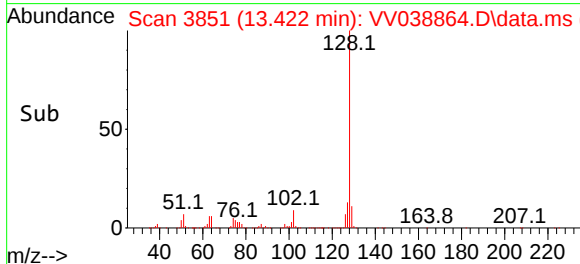
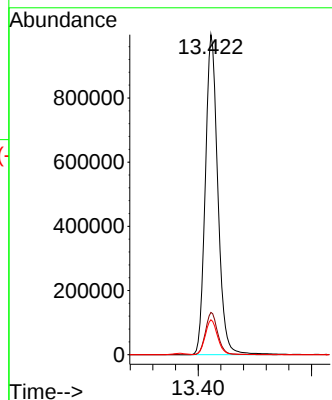
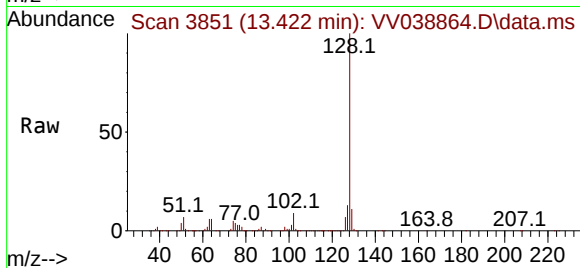
Tgt Ion:128 Resp: 1523012

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.589 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV038864.D

Acq: 07 Jul 2025 08:58

Tgt Ion:180 Resp: 469761

Ion Ratio Lower Upper

180 100

182 96.5 47.3 141.9

145 34.2 17.1 51.2

